

CERTIFICATE OF BRILLIANCE

Eduonix Learning Solutions recognizes the
hard-work and dedication of

Burhan Diwan

for successfully completing the

**"Learn Javascript And JQuery From
Scratch"**

on March 24, 2021. Eduonix congratulates
you for your accomplishment.

Sushant Das

SIGNATURE



[www.eduonix.com/certificate/
3e6189c99f](http://www.eduonix.com/certificate/3e6189c99f)



CERTIFICATE OF BRILLIANCE

Eduonix Learning Solutions recognizes the
hard-work and dedication of

AMAL FANASMIYA

for successfully completing the

"Learn Web Development Using VueJS"

on June 8, 2021. Eduonix congratulates you
for your accomplishment.

Sushant Das

SIGNATURE



[www.eduonix.com/certificate/
309a3bf6e9](http://www.eduonix.com/certificate/309a3bf6e9)



CERTIFICATE OF BRILLIANCE

Eduonix Learning Solutions recognizes the
hard-work and dedication of

AMAL FANASMIYA

for successfully completing the

**"Learn PHP and MySQL Development By
Building Projects"**

on June 8, 2021. Eduonix congratulates you
for your accomplishment.

Ashant Das

SIGNATURE



[www.eduonix.com/certificate/
afcf43499](http://www.eduonix.com/certificate/afcf43499)



Certificate of Completion

This is to certify that **shailesh Gothal** successfully completed 55 total hours of **The Complete 2021 Web Development Bootcamp** online course on **April 12, 2021**

Dr. Angela Yu
Dr. Angela Yu, Instructor

&
 Udemy

Certificate ID: UCT9e8115-996-e18-8738-e23e0792a8
Certificate URL: udc/myUC-72a8115-996-e18-8738-e23e0792a8
Version 3

#BeAble



Certificate of Completion

This is to certify that Omkar Kadam successfully completed 50 total hours of Front End Web Development Master Course for 2021 online course on March 26, 2021

Learn Tech Plus
Learn Tech Plus, Instructor

&
U Udemy

Certificate no: UC-ed95ea3d-3380-4c07-a6db-c2fbfb2e8bbc
Certificate url: udm.my/UC-ed95ea3d-3380-4c07-a6db-c2fbfb2e8bbc
Version 3

#BeAble



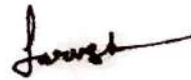
INTERNSHALA TRAININGS

Certificate of Training

Suraj Khade,

has successfully completed a six weeks online training on **Web Development**. The training consisted of HTML & CSS, Bootstrap, SQL and PHP modules. In the final assessment, Suraj scored 54% marks.

We wish Suraj all the best for the future.



Sarvesh Agarwal

FOUNDER & CEO, INTERNSHALA

Date of certification: 2021-05-13

Certificate no. : 8A19A76A-BCD9-FFE8-AC04-29FBD8268BC3

For certificate authentication, please visit https://trainings.internshala.com/verify_certificate





"Education is priceless & no one can steal it from you"
-Sridevi, Co-founder & Ex-COO of GUVI

CERTIFICATE OF PARTICIPATION

This is to certify that
Prajwal Jadhav
has successfully completed participating in **The Guinness World Record Event -
Most users to take an online computer programming lesson in 24 hours**
on April 24th 2021, 6PM to April 25th 2021, 6PM




S.P. Balamurugan
Co-Founder, CEO

Verified certificate issue on: May 1 2021

Valid certificate ID : z01h81d08689681400

Verify certificate at: www.guvi.in/certificate?id=z01h81d08689681400





Atharva College of Engineering

*This certificate of participation is awarded to
Mr/Ms. Prajwal Dinesh Jadhav*

*for actively participating in webinar on
NETWORK & SECURITY LANDSCAPE*

held on 25th February, 2021 by

*Department of Electronics and Telecommunication
Engineering in association with*

*IETE SF - ACE under IETE Annual Technical
Event - Oscillations 2021.*



*Prof. Jyoti Kolap, HOD EXTC
Atharva College of Engineering*

*Dr. S. P. Kallurkar, Principal
Atharva College of Engineering*

Certificate of Completion

This is to certify that OM BELOSE successfully completed 5 total hours of Microsoft SQL for beginners : (MS-SQL Server, T-SQL, SSMS) online course on May 26, 2021

Bluelime Learning Solutions

Bluelime Learning Solutions, Instructor

&

 Udemy

Certificate no: UC-86c94dc3-9802-4f82-927b-9321b93a46eb
Certificate url: [ude.my/UC-86c94dc3-9802-4f82-927b-9321b93a46eb](https://www.udacity.com/course/UC-86c94dc3-9802-4f82-927b-9321b93a46eb)
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codecademy

CERTIFICATE OF COMPLETION

HILLOL HIRA DEB

successfully completed the
Learn C++ Course



12/2/2020

Date of Issuance

A handwritten signature in black ink, appearing to be "H. H. Deb", written over a horizontal line.

Founder & CEO



Scan to verify



Certificate of Completion

This is to certify that **Hillol deb** successfully completed 32 total mins of **Advanced SQL Guide** online course on Oct. 24, 2020

Istiaq Ahamed Sishir *Marufa Yasmin*
Istiaq Ahamed Sishir, Instructor Marufa Yasmin, Instructor

&
 Udemy

Certificate no: UC-0aceff53-60d9-4972-a981-d267e1b40d4e
Certificate url: [ude.my/UC-0aceff53-60d9-4972-a981-d267e1b40d4e](https://udemy.com/UC-0aceff53-60d9-4972-a981-d267e1b40d4e)
Version 3



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codecademy

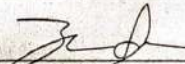
CERTIFICATE OF COMPLETION

HILLOL HIRA DEB

successfully completed the
Learn HTML Course



12/26/2020
Date of Issuance



Founder & CEO



Scan to verify



Certificate of Completion

**This is to certify that Amol Ganesh Kode
successfully completed 5 total hours of Microsoft
SQL for beginners : (MS-SQL Server, T-SQL, SSMS)
online course on May 26, 2021**

Bluelime Learning Solutions

Bluelime Learning Solutions, Instructor

&

U Udemy

Certificate no: UC-40d27d2b-e6fb-4195-8da4-8ed2b10261e0
Certificate url: ude.my/UC-40d27d2b-e6fb-4195-8da4-8ed2b10261e0
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Certificate of Completion

**This is to certify that Amol Ganesh Kode
successfully completed 29.5 total hours of Deep
Learning with TensorFlow online course on April
12, 2021**

Uplatz Training
Uplatz Training, Instructor

&
 Udemy

Certificate no: UC-3045b35f-3aa0-445f-9cc5-e909cfe023d
Certificate url: ude.my/UC-3045b35f-3aa0-445f-9cc5-e909cfe023d
Version 3

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Certificate of Completion

This is to certify that **Pallavi Ratwadkar**
successfully completed 5 total hours of **Microsoft
SQL for beginners : (MS-SQL Server, T-SQL, SSMS)**
online course on June 6, 2021

Bluelime Learning Solutions
Bluelime Learning Solutions, Instructor

&

 Udemy

Certificate no: UC-b1fa9b1-087d-49bc-aedc-b09b609f8b9b
Certificate url: uda.my/UC-b1fa9b1-087d-49bc-aedc-b09b609f8b9b
Version 3

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Certificate of Completion

***This is to certify that Nidhi Chandorkar
successfully completed 26.5 total hours of Build
Real Android Apps: Android App Development
with Java online course on March 23, 2021***

Oak Academy
Oak Academy, Instructor

&
 Udemy

Certificate no: UC-897d2b9f-b626-4a5b-ad8a-7cb307ae0bb6
Certificate url: udemy.com/UC-897d2b9f-b626-4a5b-ad8a-7cb307ae0bb6
Version 3

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Certificate of Completion

This is to certify that **Dhanshri Dandekar** successfully completed 60.5 total hours of **Android Java Masterclass - Become an App Developer** online course on May 13, 2021

Tim Buchalka
Tim Buchalka, Instructor

Jean-Paul Roberts
Jean-Paul Roberts, Instructor

Tim Buchalka's Learn Programming Academy
Tim Buchalka's Learn Programming Academy, Instructor

&
 Udemy

Certificate no: UC-4c97548d-9900-40b2-8050-3b7eac857a86
Certificate url: [udemy.com/certificate/UC-4c97548d-9900-40b2-8050-3b7eac857a86](https://www.udemy.com/certificate/UC-4c97548d-9900-40b2-8050-3b7eac857a86)
Version 3

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Certificate of Completion

***This is to certify that Saroj prabhakar dharve
successfully completed 29.5 total hours of Deep
Learning with TensorFlow online course on April
12, 2021***

Uplatz Training
Uplatz Training, Instructor

&

U Udemy

Certificate no: UC-bf55886c-6c40-41a7-85c0-2893017a0b99
Certificate url: ude.my/UC-bf55886c-6c40-41a7-85c0-2893017a0b99
Version 3

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Certificate of Completion

This is to certify that Burhan Diwan successfully completed 32 total hours of Python Bootcamp 2021 Build 15 working Applications and Games online course on March 27, 2021

Dev Nirwal
Dev Nirwal, Instructor

&
 Udemy

Certificate no: UC-93c1a684-d65b-4668-e4fe-c1bd631c75c
Certificate url: ude.my/UC-93c1a684-d65b-4668-e4fe-c1bd631c75c
Version 3

#BeAble



Certificate of Completion

This is to certify that *Riya Rajesh Dolas* successfully completed 29.5 total hours of *Deep Learning with TensorFlow* online course on April 16, 2021

Uplatz Training
Uplatz Training, Instructor

&

 Udemy

Certificate no: UC-733ed2dc-7eac-4875-b213-5226ac7a1baf
Certificate url: ude.my/UC-733ed2dc-7eac-4875-b213-5226ac7a1baf
Version 3

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Certificate of Completion

This is to certify that *Riddhi Gonji* successfully completed 37.5 total hours of *The Complete Android Oreo Developer Course - Build 23 Apps!* online course on May 12, 2021

Rob Percival

Rob Percival, Instructor

Nick Walter

Nick Walter, Instructor

Codestars by Rob Percival

Codestars by Rob Percival, Instructor

&
 Udemy

Certificate no: UC-8bd3ba41-cb41-48e5-b5c5-d9a31427b299
Certificate url: [udemy.com/course/uc-8bd3ba41-cb41-48e5-b5c5-d9a31427b299/](https://www.udemy.com/course/uc-8bd3ba41-cb41-48e5-b5c5-d9a31427b299/)
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"Education is priceless & no one can steal it from you"
-Sridevi, Co-founder & Ex-COO of GUVI

Ashwini Kadam

is here by awarded the certificate of achievement for
the successful completion of
Build a Face Recognition Application using Python
as part of **AI- For-India Event**



S.P. Balamurugan

Co-founder, CEO

Certificate issue on:
April 25 2021

Valid certificate ID :
oXHb33MI68153m4e9v

Verify certificate at: www.guvi.in/certificate?id=oXHb33MI68153m4e9v



Certificate of Completion

This is to certify that *Krunali Kator* successfully completed 32.5 total hours of **The Complete Android N Developer Course online course on **April 9, 2021****

Rob Percival *Marc Stock* *Codestars by Rob Percival*
Rob Percival, Instructor Marc Stock, Instructor Codestars by Rob Percival, Instructor

&
 Udemy

Certificate no. UC-d9cbd143-7098-4f7b-b1d3-4d25dee34dc4
Certificate url: [ude.my/UC-d9cbd143-7098-4f7b-b1d3-4d25dee34dc4](https://www.udemy.com/certificate/UC-d9cbd143-7098-4f7b-b1d3-4d25dee34dc4/)
Version 3

#BeAble



Certificate of Completion

This is to certify that Gitesh Modi successfully completed 20.5 total hours of Android Q App Development Mastery Course - Build 20+ Apps online course on May 19, 2021

Kapil Bhattarai
Kapil Bhattarai, Instructor

&
 Udemy

Certificate no: UC-456934d1-a3 14-432f-8886-d7 1d3d84d7ad
Certificate url: ude.my/UC-456934d1-a3 14-432f-8886-d7 1d3d84d7ad
Version 3

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Certificate of Completion

***This is to certify that SIDDHANT DILIP NAKTI
successfully completed 31 total hours of Java
Programming for Complete Beginners - Java 16
online course on June 6, 2021***

in28 Minutes Official

in28Minutes Official, Instructor

&

 Udemy

Certificate no: UC-2c54edc1-e9f8-44b5-a40c-4322b03c5f36
Certificate url: [ude.my/UC-2c54edc1-e9f8-44b5-a40c-4322b03c5f36](https://udemy.com/UC-2c54edc1-e9f8-44b5-a40c-4322b03c5f36)
Version 3

#BeAble



Certificate of Completion

*This is to certify that **SIDDHANT DILIP NAKTI** successfully completed 5.5 total hours of **Learn to Code in Python 3: Programming beginner to advanced** online course on June 11, 2020*

Ivan Lourenço Gomes
Ivan Lourenço Gomes, Instructor

&
 Udemy

Certificate no: UC-9832caeb-0678-43d7-9b8b-719d2ec9880b
Certificate url: [uds.my/UC-9832caeb-0678-43d7-9b8b-719d2ec9880b](https://udemy.com/UC-9832caeb-0678-43d7-9b8b-719d2ec9880b)

#BeAble





Effervescence IIIT Allahabad
Indian Institute of Information Technology, Allahabad



CERTIFICATE
OF ACHIEVEMENT

THIS CERTIFICATE IS AWARDED TO

SIDDHANT NAKTI

in acknowledgement of participation in the
INTERNET OF THINGS
workshop successfully completed with Effervescence IIIT, Allahabad
in association with What After College on 25th & 26th July, 2020

SHASHWAT SINHA
Festival Coordinator

Certificate Number

E-IIITA-03-025

Delivery Partner



Rishabh Mehta
Chief Executive Officer
What After College





Mansi patil

is here by awarded the certificate of achievement for
the successful completion of

Build a Face Recognition Application using Python



S.P. Balamurugan

Co-founder, CEO

Certificate issued on: April 24 2021

Verified certificate ID: 1h7T4VK99v15d46R2N

Verify certificate at: www.guvi.in/certificate?id=1h7T4VK99v15d46R2N





"Education is priceless & no one can steal it from you"
-Sridevi, Co-founder & Ex-COO of GUVI

Suraj Phakade

is here by awarded the certificate of achievement for
the successful completion of
Build a Face Recognition Application using Python
as part of **AI- For-India Event**



S.P. Balamurugan

Co-founder, CEO

Certificate issue on:
April 25 2021

Valid certificate ID :
6t3H90IQ6D13uh45T1

Verify certificate at: www.guvi.in/certificate?id=6t3H90IQ6D13uh45T1



Certificate of Completion

This is to certify that *Suraj Phakade* successfully completed 37.5 total hours of *The Complete Android Oreo Developer Course - Build 23 Apps!* online course on June 6, 2021



Rob Percival
Rob Percival, Instructor

Nick Walter
Nick Walter, Instructor

Codestars by Rob Percival
Codestars by Rob Percival, Instructor



Certificate no: UC-beb2481d-b15e-459d-a286-28aba6583467
Certificate uri: ude.my/UC-beb2481d-b15e-459d-a286-28aba6583467
Version 3

#BeAble

Certificate of Completion

*This is to certify that **Suraj Phakade** successfully completed 29.5 total hours of **Deep Learning with TensorFlow** online course on June 6, 2021*

Uplatz Training
Uplatz Training, Instructor

&
 Udemy

Certificate no: UC-b00c4841-c5b6-46e2-9982-ed8497bc3234
Certificate url: udemy.com/UC-b00c4841-c5b6-46e2-9982-ed8497bc3234
Version 3

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Certificate of Completion

This is to certify that *Abhishek Dnyaneshwar Salvi* successfully completed 49.5 total hours of *The Comprehensive 2021 Android Development Masterclass* online course on *May 5, 2021*

Paulo Dichone | Android, Java, Flutter Developer and Teacher

Paulo Dichone | Android, Java, Flutter Developer and Teacher, Instructor

&

 Udemy

Certificate no. UC-420a9833-ed15-4099-80cb-82548413dada
Certificate url: www.udacity.com/UC-420a9833-ed15-4099-80cb-82548413dada
Version: 3

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Certificate of Completion

This is to certify that **Kasturi Shahapurkar** successfully completed 32.5 total hours of **The Complete Android N Developer Course** online course on **March 24, 2021**

Rob Percival
Rob Percival, Instructor

Marc Stock
Marc Stock, Instructor

Codestars by Rob Percival
Codestars by Rob Percival, Instructor

&
 Udemy

Certificate no: UC-6e022796-a362-47be-9cef-36c3f04773f
Certificate url: [ude.my/UC-6e022796-a362-47be-9cef-36c3f04773f](https://www.udemy.com/course/uc-6e022796-a362-47be-9cef-36c3f04773f/)
Version 3

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Learn.
Empower.
Evolve.

Know More at: <https://www.learnmall.in/COL>

Certificate of Learning



ABHISHEK YASHWANT THASAL

Student ID: 85483

has completed the following course

Java Master Course(Basic To Expert Level) 60+ Hours

62hr,48min
Total Duration

249
No. of Lessons

Beginner
Level of the Course

Issued on **14th April 2021**

Certificate Link [learnmall.in/cert/FHH985483](https://www.learnmall.in/cert/FHH985483)

learnmall.in
★
AWESOME
LEARNER

This is a system generated certificate and needs no signature. This Certificate should be presented with the attached learning summary having details of the Course. This certificate does not guarantee the acquaintance of qualification, degree or skill by the learner. Learner hasn't undergone any evaluation before receiving the certificate.





Learning Summary



ABHISHEK YASHWANT THASAL (Student ID: 85483)

has completed the following course

" Java Master Course(Basic To Expert Level) 60+ Hours "

- ▶ Course Segmentation: **Development > Programming Languages > Java**
- ▶ Duration: **62 hours 48 minutes**
- ▶ Level: **Beginner**
- ▶ No. of Lessons: **249**
- ▶ Issue Date: **14th April 2021**

Course Syllabus

▶ Java Introduction

- About this Tutorial
- What is Java?
- Downloading, Installing and Configuring Java
- Downloading, Installing and Launching Eclipse IDE
- Creating a Java Project
- Understanding Java Programs
- Compiler Errors
- Print Statements
- Shortcut for writing `System.out.println()` statement
- Comments
- Variables

▶ Data Types

- Data Types
- int Data Type
- double Data Type
- char Data Type
- boolean Data Type
- String non-primitive Data Type
- byte Data Type
- short Data Type
- long Data Type
- float Data Type
- Passing decimal values to the int data type declared variables
- Passing character values to the int data type declared variables
- Assigning byte, short, long, float, boolean and String values to the int declare
- Assigning out of range values integer value to byte, short, int and long type va

▶ Literals

- Different Types of Literals
- Escape Characters
- Using `_` in Numeric Literals
- Difference between Integer Literals and Long Literals
- Assigning different Literals to byte data type variable
- Assigning different Literals to short data type variable
- Assigning different Literals to long data type variable
- Assigning different Literals to float data type variable
- Assigning different Literals to double data type variable
- Assigning different Literals to boolean data type variable
- Assigning different Literals to String data type variable
- Assigning different Literals to char data type variable
- Expressing Floating Point Literals in scientific way
- Type Casting
- Types of Type Casting

▶ Operators

- Types of Operators
- Addition Operator
- Subtraction Operator
- Multiplication Operator
- Division Operator
- Modulus Operator
- Increment Operator
- Decrement Operator
- Relational Operators
- Logical Operators
- Simple Assignment Operator
- Compound Assignment Operators
- Conditional Operator
- Operator Precedence

▶ Flow Control Statements

- Flow Control Statements

This Learning Summary is the follow on transcript of Certificate of Learning (COL) and should be presented along with COL. Know more about Certificate of Learning, visit <https://www.learnmall.in/COL>

Certificate No: FHH985483





- if Selection Statements
- if .. else Selection Statements
- if .. else if .. else Selection Statements
- switch Selection Statements
- Iterative Statements
- while Iterative Statement
- do-while Iterative Statement
- for Iterative Statement
- Transfer Statements
- break Transfer Statement
- continue Transfer Statement

► **Methods, Classes and Objects**

- Methods, Method Calling and Naming
- Method Parameterization
- Method Returning Values
- Classes enclose Variables and Methods
- What are Classes and Objects

► **Arrays**

- Arrays and their Types
- Single Dimensional Arrays
- Shortcut Representation of Single Dimensional Arrays
- Length of a single dimensional Array
- Using for loop with single dimensional arrays
- Using for-each loop with single dimensional arrays
- ArrayIndexOutOfBoundsException
- Two Dimensional Arrays
- Shortcut Representation of Two Dimensional Arrays
- Length of a Two Dimensional Arrays
- Using for loop with a Two Dimensional Array
- Three Dimensional Array
- Shortcut Representation of Three Dimensional Arrays
- Length of Three Dimensional Arrays
- Using for loop with a Three Dimensional Array
- Using for-each loop with a Two Dimensional Array
- Using for-each loop with a Three Dimensional Array
- Arrays and Data Types
- Object Class Arrays
- Disadvantages of Arrays

► **String Class and its methods**

- String Class
- String objects are immutable
- equals() String method
- Difference between == and equals() method
- equalsIgnoreCase() String method
- length() String method
- Difference between length and length()
- trim() String method
- substring() String method
- indexOf() String method
- lastIndexOf() String method

- split() String Class method
- concat() String method
- Using + Operator for Concatenation
- isEmpty() String Method
- startsWith() String Method
- endsWith() String Method
- toCharArray() String Method
- toUpperCase() String Method
- toLowerCase() String Method
- toString() String Class Method
- valueOf() String Class Method
- chatAt() String Class Method
- replace() String Class Method

► **StringBuffer Class and its methods**

- StringBuffer Class
- append() StringBuffer Class Method
- charAt() StringBuffer Class Method
- delete() StringBuffer Class Method
- deleteCharAt() StringBuffer Class Method
- insert() StringBuffer Class Method
- length() StringBuffer Class Method
- indexOf() StringBuffer Class Method
- lastIndexOf() StringBuffer Class Method
- replace() StringBuffer Class Method Method
- reverse() StringBuffer Class Method
- setCharAt() StringBuffer Class Method
- setLength() StringBuffer Class Method
- substring() StringBuffer Class Method
- toString() StringBuffer Class Method

► **Wrapper Classes**

- Wrapper Classes
- Working with different Wrapper Classes
- Wrapping
- Unwrapping
- Boxing
- Unboxing
- Autoboxing
- Auto-unboxing

► **Math Class and its methods**

- Math Class
- max() Math Class Method
- min() Math Class Method
- random() Math Class Method

► **Packages**

- Packages
- Package handling in Eclipse IDE
- Types of Packages
- Parent and Child Packages
- Packages and their Workspace Representation

This Learning Summary is the follow on transcript of Certificate of Learning (COL) and should be presented along with COL. Know more about Certificate of Learning, visit <https://www.learnmall.in/COL>





- Packages Naming Conventions
 - Importing User-defined Packages
 - Importing In-built Packages
 - java.lang default package
- ▶ **Inheritance and its types**
- Inheritance
 - Types of Inheritance
 - Single Inheritance Demonstration
 - Multiple Inheritance Demonstration
 - Multilevel Inheritance Demonstration
 - Hierarchical Inheritance Demonstration
 - Hybrid Inheritance Demonstration
- ▶ **Constructors**
- Constructors
 - Purpose of Constructors
 - Empty Hidden Constructor
 - this keyword and Constructors
 - Not initializing variables using Constructors results in default values
 - Types of Constructors
 - Constructor Overloading
 - this() and Constructor Overloading
 - Constructor Overriding is not possible
 - Constructor Chaining
 - super() Constructor Calling Statement
- ▶ **Method Overloading and Overriding**
- Method Overloading
 - Method Overriding
- ▶ **this and super keywords**
- this keyword for differentiating Instance Variables
 - this keyword for invoking current Class Methods
 - this keyword for returning the Current Class Instance
 - this keyword for passing the current class instance as method argument
 - super keyword
- ▶ **Modifiers**
- Modifiers
 - public Access Modifier
 - private Access Modifier
 - default Access Modifier
 - protected Access Modifier
 - static Non-Access Modifier
 - final Non-Access Modifier
 - abstract Non-Access Modifier
- ▶ **Exception Handling**
- Exception
 - Exception Handling using try catch blocks
 - try catch blocks and variables scope
 - ArithmeticException
 - ArrayIndexOutOfBoundsException
 - Exception Hierarchy
 - Multiple Catch Blocks
 - Printing Exception details in different ways
 - throw
 - Checked and Unchecked Exceptions
 - Handling and Ignoring Checked Exceptions
 - throws
 - throw versus throws
 - finally
 - final versus finally
 - Statements execution in try block
- ▶ **Interfaces**
- Interfaces
 - Interfaces and Naming Convention
 - Interfaces and Constructors
 - Interfaces and Variables
 - Interfaces and Methods
 - Implementing Interfaces
 - Interfaces and Object Creation
 - Implementing Multiple Interfaces
 - Interface extending Interface
 - Extending Classes and Implementing Interfaces together
- ▶ **Abstract Classes**
- abstract Classes
 - abstract Classes and abstract methods
 - abstract Classes and their child Classes
 - abstract Classes and their method access modifiers
 - abstract Classes and object creation
 - abstract Classes and fields
 - abstract Classes and Constructors
 - Interfaces and method body
- ▶ **Collections Framework**
- Collections Framework
 - Collection Interface
 - List Interface
 - ArrayList in Detail
 - LinkedList
 - Vector
 - Stack
 - Set Interface
 - HashSet
 - LinkedHashSet
 - SortedSet
 - NavigableSet
 - TreeSet
 - Map interface

This Learning Summary is the follow on transcript of Certificate of Learning (COL) and should be presented along with COL. Know more about Certificate of Learning, visit <https://www.learnmall.in/COL>





- HashMap
- LinkedHashMap
- Hashtable
- Properties Class
- Converting Arrays to List

► **Other Advanced Topics**

- Reflection API
- Generics
- File Handling
- Getter and Setter Methods
- OOPS Concepts
- Database Concepts for JDBC
- SQL for JDBC
- JDBC
- Enum
- Varargs
- Purpose of few Inbuilt Annotations
- Scanner





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This certificate is awarded to **Abhishek Thasal** on September 30, 2020 for successfully passing the **Computer Networks (Foundation)** Exam conducted online by StudySection. The Reference Id for this certificate on www.studysection.com is 237572.



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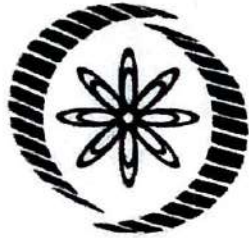
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Total number of candidates certified in this course: 3813

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Centre for Continuing Education, IITM

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