

A futuristic illustration of a smartphone with various digital icons and data visualizations floating around it, symbolizing mobile technology and data analysis. The phone is tilted, showing a blue screen with white lines representing data. Surrounding the phone are icons for Wi-Fi, a location pin, a bar chart, a pie chart with '50%', a speech bubble, and a call button. The background is dark blue with glowing lines and circles, creating a high-tech, data-driven atmosphere.

3 Months E-Learning
3 Months Internship

AVODHA

Education for a Job

What is Android Development

Any application developed to be supported by the Android Operating system using the android software development kit (sdk) on android studio is the process of android development. The open-source operating system designed by Google especially for mobiles is Android. Android OS has been developed using Linux Kernel. Because of the ability of easily modifiable (as its open source), most of the android developers have used different GUIs even when all of them use the same basic operating system. The open source code used for the development of android applications is Android Open Source Project (AOSP)

Tutor Details

Mrs. Dhruvi has been Armed with exemplary development skills and has successfully completed the language of programming, which is now being used by the firm on a daily basis. Dhruvi is a promising young educator who has influenced the lives of many students who want to learn the programming language used in the world's most popular mobile operating system. Dhruvi wanted to make sure that everyone understood what they were learning, so she took the time to teach the basics.



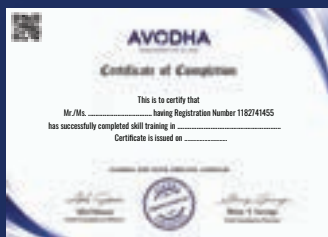
Dhruvi



Course Structure

- 3 months E-Learning
- 3 months Internship
- Live Session for Doubt Clearance (Monday to Friday 10 AM to 7 PM)
- 100% Placement Assistance

Certification



AVODHA Course Completion Certificate



Associate Android Developer (Paid)

Fees Structure

- Admission Fee : 3,800
- Total Fee : 13,800

Avodha provides Job-oriented courses in an affordable price. The total price of our course is ₹13,800/- ; but to avail the course, he/she has to pay only ₹3,800/- as an admission fee & rest of the amount ₹10,000/- has to be paid only after getting the job related to the course he/she joined at Avodha, ie., The first installment ₹5,000/- has to pay on the first day of his/her employment in a job wherein they are placed through Avodha. And the second payment of ₹5,000/- needs to be done once the student completes 30 days of employment in the Job they have been placed via Avodha.

COURSE CURRICULUM

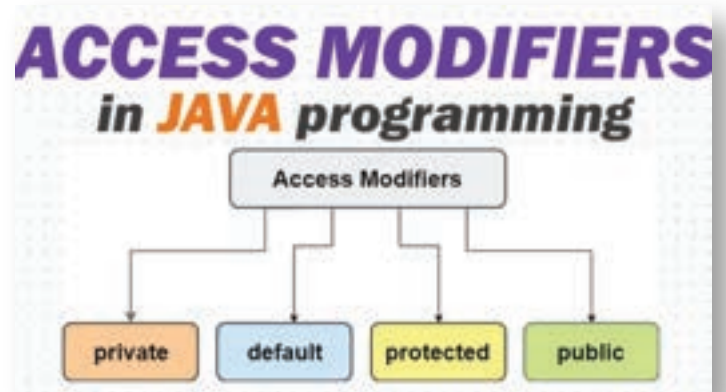
JAVA

- Basics of Java
- JDK, JRE, JVM
- My First Sample Program
- How to Create & Run a Java Program
- Data Types, Variables & Operators
- Control Statements in Java
- Iterators in Java
- Example of Control Statements & Iterators
- Switch Case Example
- Arrays in JAVA
- Single Dimension Arrays
- Multidimensional Arrays



- Scanner Class in Java
- Strings in Java
- String Sample Programs
- String Buffer & Builder, String Tokenizer
- OOPS (Methods & Method Overloading)
- Sample Programs for Methods
- Class, Object, Getter & Setter
- Example for Class, Object, Getter & Setter
- Inheritance & Types, Super, Final
- Examples for Inheritance & Types
- Constructors & Constructor Overloading
- Examples of Constructors
- Examples of This Keyword
- Examples of Super Keyword
- Examples of Final Keyword in Java

- Static Keyword in Java
- Examples of Call by Value & Call by Reference
- Examples of Static Keyword in Java
- Inner Classes in Java & Generics
- Access Modifiers in Java
- Packages & Static Import
- Examples of Packages & Static Import
- Examples of Access Modifiers in JAVA
- Examples of Inner Classes in Java
- Method Overloading & Overriding
- Abstraction in Java & Examples
- Interface Example
- Encapsulation in Java
- Exception Handling
- Examples of Exceptions in Java

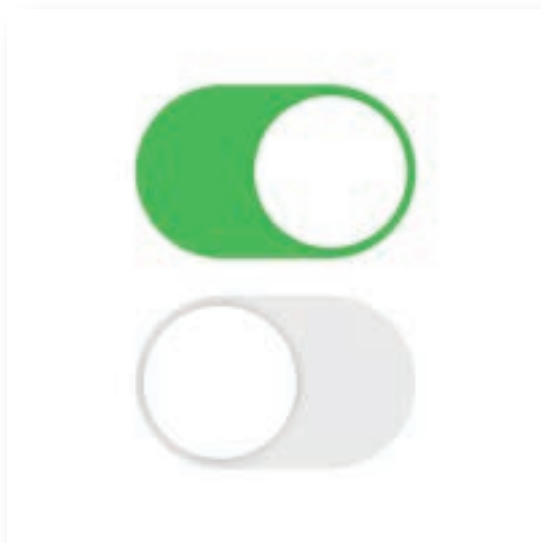


- User Defined Exception
- Thread in Java
- Thread Synchronization
- Event Handling
- Collection Framework
- Examples of Collection Framework

ANDROID

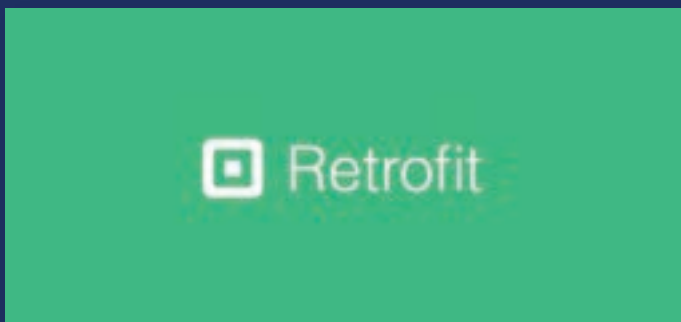
- Introduction to Android
- Basic Android Theories
- Familiarization of Android Studio
- Attractive Layout Designing
- Android Activity Lifecycle

- Explicit Intent in Android
- Implicit Intent
- Splash Screen
- Animation in Android
- Admin Login Page
- Radio Button & Table Layout
- Checkbox & Value Passing Through Intent
- Spinner in Android
- Custom Spinner in Android
- Seek Bar, Rating Bar & Progress Bar
- Auto Complete Text View & Web View
- List View & Grid View in Android
- Custom List View & Grid View
- Expandable List View in Android
- Tab Host & Scroll Views
- Sliding Drawer & Custom Alert Dialog



- Alert Dialog, Number picker
- Time, Date Picker & Calendar View
- Camera in Android
- Video View in Android
- Music Player in Android
- Option, Context, Popup Menu in Android
- Image Switcher in Android
- Gallery View in Android
- Toggle Button
- Map View & Fragment
- Phone, SMS & Text to Speech
- Timer in Android
- Internet & Blue Tooth in Android
- WIFI in Android
- Recycler & Card View

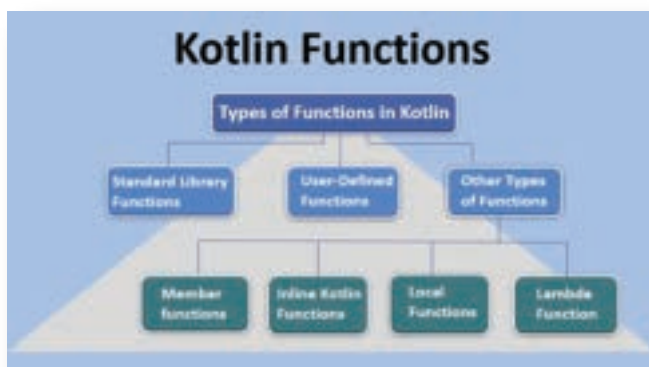
- Adapter View Flipper
- Navigation Drawer in Android
- Service, Broadcast Receiver, Sensor in Android
- Notification in Android
- Alarm in Android
- Async Task in Android
- File Read & Write Internal Storage
- File Read & Write External Storage
- Shared Preferences in Android
- SQ Lite Database in Android
- JSON Parsing in Android
- XML Parsing Using DOM Parser
- XML Parsing Using SAX & XML Pull Parser
- Login &Reg Using SQLite &Data Management
- Simple Calculator, Chronometer, Get Battery Heat



- Quick Contact Badge in Android
- Quick Contact Badge in Android
- Clip Board in Android
- Firebase Login & Registration Using Email
- Google Map Features
- Restful Webservice in Android
- JSON Parsing Using Volley in Android
- Retrofit Android – fetching JSON from URL
- Drag & Drop and Accelerometer
- Button Navigation in Android

KOTLIN

- KOTLIN Introduction & Installation
- Kotlin Features and First Sample Program
- Data Types & Variables
- Operators in Kotlin
- Input & Output Operations in Kotlin
- Typecast, Kotlin Block, Statement & Expressions
- Control Flow Statements in Kotlin
- Kotlin for Loop
- Kotlin When Expression
- Unlabelled Break in Kotlin
- Labelled Break in Kotlin
- Unlabelled and Labelled Continue in Kotlin
- Kotlin Array Introduction
- Array Accessing and Modification in Kotlin



- String Creation & Functions in Kotlin
- String Literal & String Equality in Kotlin
- Kotlin Functions
- Default & Named Argument in Kotlin
- Kotlin Sample Programs Using Loop
- Recursive Function in Kotlin
- Tail Recursion in Kotlin
- Lambda Expression
- Kotlin Inline Functions
- Infix Function Notation in Kotlin
- Higher Order Functions
- Kotlin Collection
- Collection Kotlin Set
- Collection Kotlin Map
- Kotlin OOPS

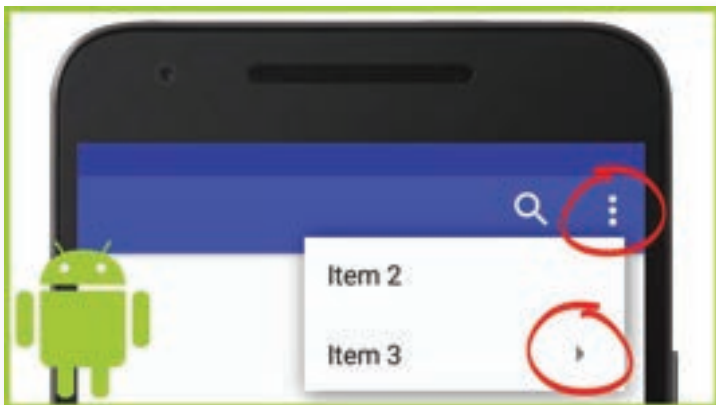
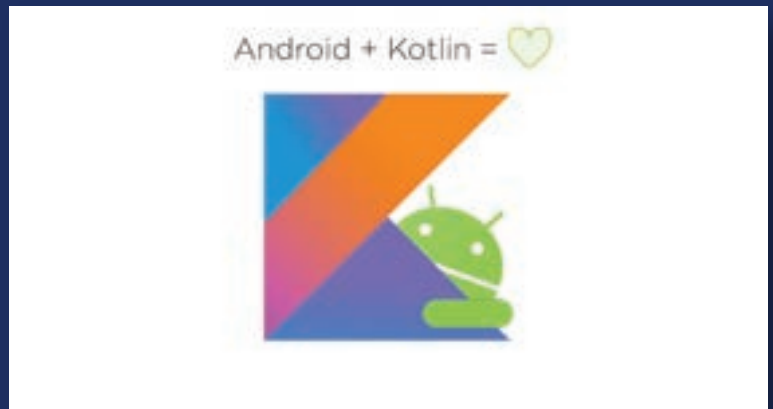
- Class Properties and Constructors
- Kotlin Visibility Modifiers
- Kotlin Inheritance
- Kotlin Interfaces
- Kotlin Data Classes
- Sealed Classes in Kotlin
- Abstract Class in Kotlin
- File Read & Write External Storage
- Enum Class in Kotlin
- Extension Function in Kotlin
- Kotlin Generics
- Exception & Exception Handling in Kotlin
- Kotlin Exception Nested Try Catch
- Kotlin Null Safety
- Fail & Inline Functions in Kotlin



- Type Checking and Smart Casting in Kotlin
- Type Checking and Smart Casting in Kotlin
- Ranges in Kotlin
- Collection Additional Functions
- Annotations in Kotlin
- Reflection in Kotlin
- Operator Overloading in Kotlin
- Equality Evaluation in Kotlin
- Comparator in Kotlin
- JSON Parsing Using Volley in Android
- Triple and Pair in Kotlin
- Calling Java Code from Kotlin
- Calling Kotlin Code from Java
- Kotlin Thread vs Coroutine
- Kotlin Standard Library Functions

ANDROID USING KOTLIN

- Introduction to Android Using Kotlin
- Text View and Edit Text Implementation
- Custom Toast Using Kotlin
- Auto Complete Text View Using Kotlin
- Checked Text View
- Dynamic Image View
- Dynamic Image Button
- Dynamic Image Button
- Kotlin List View
- Kotlin Seek Bar
- Discrete Seek Bar in Kotlin
- Rating Bar
- Progress Bar
- Frame Layout



- Explicit Intent
- Implicit Intent
- Alert Dialog
- Context Menu
- Custom List View
- Option Menu
- Time Picker Using Fragment
- Card View Programmatically
- Bottom Navigation Bar
- Notification in Kotlin

Offline Center



Kochi
(Head Quarters)



Hyderabad



Mumbai



Bangalore



Chennai



Delhi



Trivandrum



Ernakulam



Kannur



Thrissur



Kottayam



Kozhikode



Coimbatore

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Kakkanad, Kerala 682022

Kannur Regional office

3rd Floor, Rubco House,
near Mother and Child Hospital,
Caltex, Kannur, Kerala 670012

Trivandrum Regional Office

2nd Floor Asiatic Business
Centre Near Technopark Phase
3 Campus, Kazhakkootam,
Kerala - 695582

Hyderabad Regional Office

Level 6, N Heights,
HITEC City, Hyderabad,
Telangana - 500081

Delhi Regional Office

1st Floor, B-39, Connaught
Place, New Delhi,
Delhi - 110001

Kozhikode Offline Center

Sreevalsam Building, State Highway 29,
East Nadakkave,
Nadakkave, Kozhikode, Kerala 673006

Bangalore Regional Office

GoodWorks Infinity Park,
Electronics City Phase 1,
Bengaluru Karnataka - 560100

Mumbai Regional Office

10th Floor, Parinee Cresenzo,
Mumbai, Maharashtra - 400051

Kottayam Offline Center

The Dispensary by Creative Coworking Cube (C³)
Thamarapally,
Pulimoodu JN, SH 1, Kottayam, Kerala 686001

Thrissur Offline Center

dewSpace - Coworking, G6C2+XCR, West Fort,
Asvary Nagar, Ayyanthole, Thrissur, Kerala 680011