

# ANDROID DEVELOPMENT USING KOTLIN TRAINING

# KOTLIN

```
1 fun hello()
2     printing "Hello there, Kotlin!"
3 }
4
5 class Example {
6     interface Example {
7         fun absMethod(): Int = 25
8     }
9     override fun absMethod(): Int {
10         return 25
11     }
12 }
13 fun main(args: Array<String>) {
14     val obj = Example()
15     printing obj.absMethod()
16 }
```



# Introduction to the Course

Android Development is gaining more importance today due to the increasing popularity of Android Applications. The most popular programming language used for Android Application Development is Kotlin. Kotlin is an open-source, statically typed, general-purpose programming language developed by JetBrains and works on multiple platforms. This is why IEM Labs brings to you the Android Development Using Kotlin Training Program in the US wherein you will be taught the fundamentals of Kotlin and how to use it for developing Android Applications.

IEM Labs is an ISO 27001 and ISO 9001 certified training center. It is also a prestigious member of the EC Council and NASSCOM. Our experienced trainers and the interactive mode of teaching have benefitted countless students. Thus, IEM Labs brings this Summer/Winter training program on Android Development Using Kotlin in America for benefitting those interested candidates who want to learn something new outside their course curriculum.

## Focus Areas



Clean



Data Classes



Null Safety



Extensions

# About the Course

Course Type - Basic

Eligibility Criteria: -

- No basic knowledge is required
- Minimum system configuration required: -
  - o Intel i5 Processor
  - o 8GB RAM
  - o 1TB Hard Disk

Batch Size - 5 students maximum

Course Duration - 40 hours

	Online	Offline
Course Fee: -	<b>4000 INR</b>	<b>4000 INR</b>
Training Location: -	Any	Kolkata



# Course Content

Module 01	Introduction to Android Development
Module 02	Layouts and Views
Module 03	Introduction to Kotlin Programming
Module 04	Kotlin Fundamentals
Module 05	Collections, Loops and Conditionals
Module 06	Functions in Kotlin
Module 07	Introduction to Classes
Module 08	Introduction to Github
Module 09	Kotlin Quick Revision
Module 10	View Binding with Kotlin
Module 11	Deeper Dive into Views, Themes, etc.
Module 12	Intents
Module 13	Debugging Your Software
Module 14	Dynamic User Interface with Lists
Module 15	Understanding Concurrency in Android
Module 16	Getting to know Co-Routines
Module 17	Fragments
Module 18	Data Storage and Persistence
Module 19	Working with Hardware Sensors
Module 20	Final Project





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