

Java Syllabus for Kids

1. Introduction

What is programming
Programming language

2. Introduction

Why Java
History of Java
Features of Java
JVM-The heart of Java
Installation of eclipse

3. Datatypes

Operators
Variables
Keywords

4. Method

Modifiers
Package

5. Non primitive datatypes

6. Decision Making Statements

if statements
if-else statements
else-if statements
switch statements

7. **Java Loops**

for loops
while loops
do-while loops

8. Introduction to OOPS concepts

Class and Object

9. Sample Examples



Android Syllabus for Kids

1. Introduction
 - Features of Android
 - Software requirement
 - What is Android
 - Why Android?

2. Android Architecture
 - Project Structure
 - Source
 - Resource

3. Android Manifest File

4. Layouts
 - LinearLayout
 - ConstraintLayout
 - Relative Layout
 - GridLayout

5. Views
 - Button
 - FloatingActionButton
 - ImageButton
 - ImageView

6. Hello World Application
 - StatusBar
 - Toolbar

7. Login Application

8. Event Handling
 - Toast

9. Intents
 - Implicit intent
 - Explicit Intent
 - Intent Filter

10. Menus

- Option menu

- Sliding menu/Navigation Drawer

11. Calculator Application

12. Landscape Application

12. Sample Project