



# PANYA TECHNOLOGIES

Technology to Live...

#184, Hennur Cross, Near: Indian Academy College, Kalyan Nagar, Bangalore-560043

Mobile No: 9741264243 Phone No: 080-42109791 [www.panyatech.com](http://www.panyatech.com)

## Core Java

### 1. Introduction

- ✚ Data Types
- ✚ Comments
- ✚ Setup
- ✚ Source File

### 2. Flow Control

- ✚ Conditional constructs
- ✚ Looping constructs
- ✚ While
- ✚ Do-while
- ✚ For
- ✚ For-each
- ✚ Break, continue
- ✚ Switch statement

### 2. Object Oriented Programming

- ✚ Class
- ✚ Object
- ✚ Instance & Static variables
- ✚ Constructor
- ✚ This keyword
- ✚ Method
- ✚ Instance & Static methods
- ✚ Static block
- ✚ Instance block

### 3. Method overloading

### 4. Inheritance

- ✚ Extending classes
- ✚ Method overriding
- ✚ Final class
- ✚ Abstract class

### 5. Interface

### 6. Abstract class vs. Interface

### 7. Access Specifiers

### 8. Packages.

## **9. Inner classes**

- ✦ Non-static inner classes
- ✦ Static inner classes
- ✦ Local inner classes
- ✦ Anonymous classes

## **10. Garbage Collection**

## **11. Exception handling and assertions**

## **12. Collections**

## **13. Generics, Enums, Covariant return types, Auto Boxing, Annotations**

## **14. Internationalization, Locale, Formatting text and dates**

## **15. Multi-Threading**

## **16. JDBC**

## **17. Connection pooling**

## **18. MINI PROJECT**