



# SYNOPSIZOR

Delivering Solutions.Simplifying Lives

**TOPICS TO  
BE COVERED**

**JAVA**



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## SESSION-1

- » What is JVM
- » What is JDK
- » What is JRE
- » What is Keyword
- » What is Identifiers
- » Type of Data Type
- » How to Initialize Statement
- » How to Declare Statement
- » How to Utilize Statement

## SESSION-2

- » Types of control statements:
- » Type of Looping
- » For-Loop
- » While-Loop
- » Do-while-Loop
- » Assignment to students

## SESSION-3

- » If statement
- » If-Else Statement
- » Flow Chart
- » Assignment to Students

## SESSION-4

- » What is Object/Class
- » What is Method
- » What is Method calling
- » What is Called Method
- » What is String
- » What is Array
- » String toCharArray()
- » String charAT( )

## SESSION-5

- » What is Object/Class

- » What is static member/Non-static member
- » What is Access Specifier
- » What is Constructor
- » Assignment to Students

## SESSION-6

- » What is Constructor Over-Loading
- » What is Constructor Chaining
- » Assignment
- » Method Over Loading
- » Method Overriding

## SAMPLE-7

- » Inheritance
- » Single Inheritance
- » Multi Level
- » Multiple

## SAMPLE-8

- » Polymorphism
- » Run Time
- » Compile Time
- » Upcasting
- » Down-Casting

## SESSION-9

- » Interface
- » Abstract Class
- » Exception

## SESSION 10

- » Collection
- » List
- » ArrayList
- » ArrayList-Get()
- » ArrayList-Remove()

## SESSION 11

- » Collection
- » Set
- » HashSet
- » TreeSet

## SESSION 12

- » Collection
- » Map
- » HashMAP
- » Assignment-Test

**This completes Java**