



Dear Student,

Based upon your enquiry we are pleased to send you the course curriculum for 6 weeks core Java Training

Given below is the brief description for the course you are looking for:

Java SE (Core JAVA)

➤ **Introduction to Java**

- JDK
- JRE

Discussion of Java features and OOPS Concepts
Installation of Netbeans IDE

➤ **Datatypes**

- primitive data types
- non-primitive data types

Variable declaration

Operators

Control flow statements

Command line arguments

Passing command line arguments in Netbeans

Take input and display output

Arrays and Enhanced for loop

➤ **OOPS programming**

- class and object
- various types of constructors
- instance methods and static methods
- use of this keyword
- use of super keyword

- Inheritance
- Polymorphism
- Package and various scope rules
- Abstract class and interfaces
- Use of static, final keyword
- Annotations
- anonymous object
- inner class
- anonymous inner class

➤ Exception handling

- Try, catch, finally, throw, and throws
- checked exception
- Unchecked exception

➤ String Handling

- Mutable string
- Immutable string
- String, StringBuilder, and StringBuffer

➤ IO (Input and Output)

- byte stream
 - character stream
- Working with Date class
Collections

Wrapper classes

➤ **Multithreading programming**

- Thread class
- Runnable interface

➤ **GUI programming**

- Difference between CUI and GUI
- Swing (various components and containers)
- Event handling
- Applet through JApplet
- Develop GUI using Netbeans Drag n drop feature

➤ **JDBC (Java database connectivity)**

- Basics of SQL
- executing SQL using statement
- executing SQL using preparedstatement
- ResultSetMetaData
- Socket programming

➤ **Project**