

# **Fundamentals of Java**

## **1.What is Programming language?**

A programming language is a computer language that is used by programmers (developers) to communicate with computers. It is a set of instructions written in any specific language

## **2.Why do we need a Programming Language?**

Programming is used to automate, maintain, assemble, measure and interpret the processing of the data and information. It helps in accelerating the input and output of the devices or applications.

## **3.What are the features of Java?**

- Simple.
- Object-Oriented.
- Platform Independent.
- Portable.
- Robust.
- Secure.
- Interpreted.
- Multi-Threaded.

## **4.What is an Object?**

An entity that has state and behaviour is known as an object e.g., chair, bike, marker, pen, table, car, etc. It can be physical or logical

## **5.What is Class?**

A class is a group of objects which have common properties. It is a template or blueprint from which objects are created. It is a logical entity. It can't be physical.

## **6.Explain about the main() method in Java?**

The main() is the starting point for JVM to start execution of a Java program. Without the main() method, JVM will not execute the program.

The main() method is called by JVM with the name of the class.