**FUNDAMENTALS OF JAVA ASSIGNMENTS**

**1. What is Programming Language?**

**Ans:** A programming language is this system of notations for writing computer programs.

**2. Why do we need a programming language?**

**Ans:** Programming languages use classes and functions that control commands. The reason that programming is so important is that it directs a computer to complete these commands over and over again, so people do not have to do the task repeatedly. Instead, the software can do it automatically and accurately.

**3. What are the features of JAVA?**

**Ans:** JAVA is simple, object-oriented, platform independent portable, robust, secure, interpreted, multi- threaded.

**4. What is an Object?**

**Ans:** A Java object is a member (also called an instance) of a Java class. Each object has an identity, a behaviour and a state.

**5. What is a class?**

**Ans:** A class — in the context of Java — is a template used to create objects and to define object data types and methods.

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

**Ans:** The Java main method is usually the first method you learn about when you start programming in Java because its the entry point for executing a Java program.