**<u>Fundamentals of Java Assignment</u> :**

1. A programming language is a computer language that is used by programmers to communicate with computers. It is a set of instructions written in any specific language ( C, C++, Java, or Python) to perform a specific task.

2. Programming languages help convert what we want to do into certain statements that the computer can understand. we need a programming language in computer programming for the same reason we need a natural language in our everyday life : **"to communicate and simplify things"**

3. Java is widely recognized for its performance, platform independence, and security. Java is used as a server-side language for back-end development, android development etc.

4. An object is a real-world entity that's having identity,state and behaviour. In real life, a car is an object. The car has attributes, such as weight and color, and methods, such as drive and brake.

5. A class is a user defined blueprint from which objects are created. It represents the set of properties or methods that are common to all objects of one type.

6. A main() method in java is an entry point to start the execution of a program. Every Java application has at least one class and at least one main method.