

# Assignment-4

Q.1 What is Programming language?

Ans.1 A programming language is a vocabulary and set of grammatical rules for instructing a computer or computing device to perform specific tasks. The term programming language usually refers to high-level languages.

Q.2 Why do we need Programming language?

Ans.2 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.

Q.3 What are the features of java?

Ans.3 Major Features of Java Programming Language

Simple.

Object-Oriented.

Platform Independent.

Portable.

Robust.

Secure.

Interpreted.

Multi-Threaded.

Q.4 What an object?

Ans.4 objects are the things you think about first in designing a program and they are also the units of code that are eventually derived from the process.

Q.5 What a class?

Ans.5 A Class is like an object constructor, or a "blueprint" for creating objects.

Q.6 Explain about the main () method in java?

**Ans.6** 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. The main method can contain code to execute or call other methods, and it can be placed in any class that's part of a program

