

# Fundamentals of Java

## Day-6

### Assignment Questions

1).What is programming language?

Making a set of instructions that instruct a computer how to carry out a task is the process of programming.there are numerous computer programming languages available for use in programming e.g machine level, assembly level, high level language.

2).why do we need a programming language?

Computer is a dum machine its cannot understand our language it understand only binary language and we humans not able to make long programs in binary language because its very difficult that is why we invent programming language which is understandable for human and compiler play there its role which convert high level language to machine level language.

3).what are the features of java?

Java is a portable , simple , WORA (write once run anywhere or we say that platform independent, object oriented , robust, distributed , dynamic etc are the features of java.

#### 4).What is an object?

Object are the real world entity it is used to solve real world problems and every thing exist in this universe we have to suppose that this is a object. And that object has state and behaviour as well.

#### 5).What is a class?

Class is basically collection of items and it is just a blueprint . class is useless if we dont create object of that class because object give life to a particular class.

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

main () method is basically a starting point where the jvm starts the execution of a program .There are so many methods in a program so it is difficult from where should jvm start the execution of a program that is why main() method is used. The syntax of a main method is public . it is an access specifier. We should use a public keyword before the main() method so that jvm can identify the execution point of the program.

