

Assignment - 4

(Fundamentals Of Java Assignment - 1)

1. What is a programming language?

Ans: Making a set of instructions that instructs a computer how to carry out a task is the process of programming and the language used for programming is called programming language.

2. Why do we need a programming language?

Ans: a). To carry out the process of programming we need a way to communicate with the computer and that can be done with the help of a language. so without any language we cant communicate with computer.

b). To give inputs and informations to the computer we need a programming language.

3. What are the features of JAVA?

Ans: a). java is a simple language and java is a structured language.

b). java is an object oriented programming language.

c). java is portable and platform independent language.

d). java is an open source project to that, java provides so many features for programming.

4. What is an Object?

Ans: An Object is a real time entity which has some states and some behaviours. An object can be called an instance of a class and also a runtime entity.

5. What is a Class?

Ans: A Class is a blueprint or collection of objects that have similar traits, behaviours and attributes.

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

Ans: If you are writing a program or application, In a class there may be different numbers of methods or functions for eg. addition, subtraction etc. so the JVM needs a start point to execute the program.

so the function with main() method is the method or function from where the JVM will execute the program.

so main() method is the starting point of a program from where the program starts executing.