**FUNDAMENTALS OF JAVA ASSIGNMENT**

* JDK USED TO COMPILE , DEBUG AND EXECUTE THE JAVA PROGRAM
* JAVA\_HOME ENVIROMENT VARIABLE USED TO SET THE JAVA PATH

Ques-1) What is a programming language?

Ans) the language which is used to perform the operations from the machine, we used to write the program in the high level language, the compiler used to convert the high level language to the low level language(machine understandable language).

Ques-2) why do we need a programming language?

Ans) to perform operations from computer, machines; to execute the operations at a accurate and high speed.

Ques-3) what are the features of java?

Ans) platform independent, follow WORA principle, object oriented programming language.

Ques-4) what is an object?

Ans) the real entity, the instance of a class, it occupy memory

Ques-5) what is a class?

Ans) it is a blueprint, template, boiler plate that tells how the data members and data functions are organised.

Ques-6) explain about the main() method in java?

Ans) the entry point of the program, the compiler first find the main method and compile each and every line and produce the output, it is mandatory to have a main method to run the program, a program can have only one entry point.