Fundamentals of Java

Assignment Questions

1) **What is programming Language?**

   Programming language is the language which is used to communicate with the computer , processor in which the instructions are written whether in High level language or an assembly language.

2) **Why do we need a Programming Language?**

   The programming language is needed to instruct the computer which task to and to interact with the processor , where a set of instructions are written and according to them the processor performs the task

3) **What are the features of Java?**

   Java is Simple , secure , Robust, Platform independent , .class file is WORA(Write Once Run Anywhere) , Exception handling , Garbage Collector , Memory Management etc…

4) **What is an Object?**

   Object is an Instance of a class , so to access any property of the class , we need to create its object and through that we can access that class properties.

5) **What is a Class?**

   Class is the collection of methods and Variables.

6) **Explain about the main() method in Java?**

   main() method is the first method that gets executed when the java program is run, Without the main() method java program cannot be run , main method is static so without creating an object , main method can run because the program starts from main method and everything written inside the main method gets executed first , so the method which is executing first is the main method itself , so how it's object can be created ? and the main method has void return type and it takes the string array in argument.