Fundamentals of  Java

Assignment Questions

1. **What is Programming language?**

 A programming language is a vocabulary and set of grammatical rules for instructing a computer to perform specific tasks.

  The term programming language usually refers to High-level language such as c, c++,java,Pascal.

 There are three types of programming languages  :-

1. Low-level
2. High-level
3. Middle-level

1. **Why do we need a programming language?**

 Programming languages use classes and functions that control commands. The reason that programming is so important is that it directs a computer , these commands over and over again , so people do not have to do the task repeatedly.

1. **What are the features of java?**

 There are multiple features of java language , some are as follows :-

1. Object-oriented
2. Simple
3. Robust
4. Platform Independent
5. Secure
6. Multi-threaded
7. Interpreted

**4. What is an Object?**

Objects are real world entities which have some specific character and show some    behavior also.Each object is an instance of a particular class or subclass with the class’s own methods or procedures and data variables . An object is what actually runs in the computer.

**5. What is a class ?**

    A class is a template used to create objects and to define object data types and methods. Classes are categories , and objects are items within each category. All class objects should have the basic class properties.

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

   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