

Assignment Ques --- DAY 6

Q1. What is Programming language?

A1. A programming language is a computer language that is used by programmers (developers) to communicate with computers. It is a set of instructions written in any specific language (C, C++, Java, Python) to perform a specific task.

Q2. Why do we need a programming language?

A2. Programming languages, like human languages, are defined through the use of syntactic and semantic rules, to determine structure and meaning respectively. Programming languages are used to facilitate communication about the task of organizing and manipulating information, and to express algorithms precisely.

Q3. What are the features of java?

A3. Features of Java

- Simple.
- Object-Oriented.
- Portable.
- Platform independent.
- Secured.
- Robust.
- Architecture neutral.
- Interpreted.

Q4. What is an Object?

A4. Each object is an instance of a particular class or subclass with the class's own methods or procedures and data variables.

Q5. What is a Class?

A5. A class — in the context of Java — 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

Q6. Explain about the main() method in java?

A6. 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