1. What is Programming language?

Ans. As we know, to communicate with a person, we need a specific language, similarly to communicate with computers, programmers also need a language is called Programming language.

1. Why do we need a programming language?

Ans. Programming Language is important in our daily life to enhance and increase the power of computers, mobile solutions, and the internet. There are numerous examples you may come to know when you are going to learn a programming language. The actual power of the language is when the right programmer uses it with the right features to solve a problem or for any other specific purpose. Learning a programming language is exciting!

1. What are the features of java?

Ans. The basic features of java are:-

It is simple

Object Oriented

Portable

Platform independent

Robust

Distributed.

1. What is an object?

Ans. An object in Java is **a member or instance of a Java class that has an identity, behavior, and state**.

An object is an entity with state and behavior.

The state of an object is stored in fields (variables), while methods (functions) display the object's behavior.

Objects are created at runtime from templates, which are also known as classes.

 A class is like an object constructor or a blueprint for creating objects.

Before creating an object, we first need to define the class.

Java objects have three primary characteristics: identity, state, and behavior.

 If a class has multiple objects, all the objects can share the same behaviors and states.

1. What is the Class?

Ans. A class is a collection of objects that have similar traits, behaviors and attributes.

1. Explain about the main () method in Java?

Ans. The main () method in Java is**an entry point for executing a Java program**.It can be placed in any class that's part of a program and can contain code to execute or call other methods.