1. What is programming language?

Ans: - A programming language is a set of instructions, syntax, and symbols used to create software applications and systems. It allows developers to express their ideas, solve problems and automate tasks in a way that a computer can understand and execute.

2. Why do we need a programming language?

Ans: - We need programming languages to: -

a. Express our computational ideas and solutions in a form that a computer can understand.
b. Automate complex and repetitive tasks.
c. Create software applications and systems.
d. Communicate and control computers.
e. Facilitate collaboration and sharing of ideas among developers.

3. What are the feature of java?

Ans: - the feature of java are: -

- Object-oriented programming
- Platform independent
- Simple
- Secure
- Robust
- Portable
- Multi-threaded
- Distributed

4. What is an object?

Ans: - An object is an entity with state and behaviour, such as student, bus, dog, AC , etc. it could be intellectual or physical.

5. What is a class?

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

NAME :- RISHABH AGRAWAL
MBNO:- 9420155354
EMAIL:- agrawaltraders.rishabh@gmail.com

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

Ans: - The main() method in Java is the entry point of a Java application. It is a public, static and void method that is used to run the Java program. When a Java application is started, the JVM (Java Virtual Machine) calls the main() method to start the execution of the program. The main() method should have the following signature:

public static void main(String[] args)

where args is an array of strings that can receive command-line arguments.

The main() method is where the execution of the program begins and it can call other methods and classes as needed.

NAME :- RISHABH AGRAWAL
MBNO:- 9420155354
EMAIL:- agrawaltraders.rishabh@gmail.com