Fundamentals of Java

Assignment Questions

1. **What is Programming language ?**
2. **Why do we need a programming language?**
3. **What are the features of Java?**
4. **What is an Object?**
5. **What is a class?**
6. **Explain about the main() method in Java?**

Note:- Please create a Google Document and write your answers and upload the shareable link of the Google Document with view access during the submission of the assignment.

Answers:

1. Programming language is a set of instructions that tells the computer what to do.

2. Programming language is needed to develop web applications,mobile applications or to solve real-world problems.

3. The features of Java are

   a. Object Oriented.
   b. Portable.
   c. Platform Independent.
   d. Secure.
   e. Distributed.
   f. Robust
   g. Simple.

4. Object is a real-time entity that has its own behaviors and properties.
   Example: Car, Student, Laptop and etc.

5. Class is a blueprint or Class is a collection of objects.

6. Main method in Java

   Syntax :
   Public static void main(String args[])

   a. public: Public is an access specifier. We can access this method throughout/anywhere in the program.

   b. static: Can be called or invoked without the creation of an object.

   c. void: return type of the main method.

   d. main: It tells JVM, this is start of program.