

## Assg-4

- Ques 1. What is a set of instructions that instruct a computer how to carry out a task is the process of programming. Most programming languages are text-based formal languages.
- Ans 2. The reason that programming is so important is that it directs a computer to complete these commands over & over again, & people don't have to do the task repeatedly.
- Ans 3. Java is object oriented  
Java is platform independent  
Java is secure  
Java is simple  
Java is multithreading  
Java is Robust  
Java is WORA (Write once Run anywhere)  
Java is portable
- Ques 4. Object is an instance of class that executes the class once the object is created. It takes space like other variable.
- Ques 5. Class is a collection of object & it does not take any space in memory. Class is also called as blueprint. In class we need to create a object. Program is performed in class.
- Ques 6. Main method is the start point of the execution in the Java. It is the one who executes the program. If there is no main method in program then program will not execute.