

## **Session-3 Lab**

### **(Solve any two problems)**

#### Assignment-1.

- Write a Java program named Car.
- The Car class should have the following attributes: make (String), model (String) , year (short) , and price(int).
- The car class should have a constructor that takes all the attributes.
- Add a main method to instantiate car objects.
- The program should allow the user to create and display objects of each Car Class.

#### Assignment-2.

- Write a Java program that demonstrates method overloading by creating a class called Calculator.
- Add three methods called add().
- The first add() method should take two int variables as arguments and return their sum as int.
- The second add() method should take three int variables as arguments and return their sum as int.
- The third add() method should take two doubles as arguments and return their sum as double.
- The program should allow the user to display the results of each method.

#### Assignment-3.

- Create a Java Bean Class Student.
- Add three attributes ○ private String name; ○ private int age; ○ private String department;
- Add a constructor that takes all three attributes as parameters.
- Add setter and getter methods
- Compile the program.