**Assignment – 4**

1. Create a car class, add attributes to car object and print in a two different ways.

2. Create \_init\_ function for car class, initialise the car with attributes for make, model, year, and weight and print the car object and its attributes, add class methods in car class.

3. Create child class bus that will inherit all of the variables and methods of the Vehicle class.

4. Perform Encapsulation and Information hiding using python OOPs.

5. Take sample class and perform class inheritance using python.