**Lab Report – 02**

1. **Write a Python class Employee with attributes like emp\_id, emp\_name,**

**emp\_salary, and emp\_department and methods like calculate\_emp\_salary,**

**emp\_assign\_department, and print\_employee\_details.**

**Sample Employee Data:**

**"ADAMS", "E7876", 50000, "ACCOUNTING"**

**"JONES", "E7499", 45000, "RESEARCH"**

**"MARTIN", "E7900", 50000, "SALES"**

**"SMITH", "E7698", 55000, "OPERATIONS"**

* **Use 'assign\_department' method to change the department of an employee.**
* **Use 'print\_employee\_details' method to print the details of an employee.**
* **Use 'calculate\_emp\_salary' method takes two arguments: salary and**

**hours\_worked, which is the number of hours worked by the employee. If the**

**number of hours worked is more than 50, the method computes overtime and adds it to the salary. Overtime is calculated as following formula:**

**overtime = hours\_worked – 50**

**Overtime amount = (overtime \* (salary / 50))**

**Code:**

class Vehicle:

def \_\_init\_\_(self, max\_speed, mileage):

self.max\_speed = max\_speed

self.mileage = mileage

v = Vehicle(140, 20)

print(v.max\_speed, "\n", v.mileage)

1. **Write a Python class BankAccount with attributes like account\_number,**

**balance, date\_of\_opening and customer\_name, and methods like deposit, withdraw, and check\_balance.**

**Code:**

class Vehicle:

pass