Lab No. 06

Case Study 1:

Create a class Employee and derive a child class programmer using public inheritance.
- Create class case diagram.
- Code the parent and derive classes on python

Case Study 2

Create a parent class Employee, derive child class Programmer and Designer using inheritance
- Create class case diagram.
- Code the parent and derive classes on python

Case Study 3:

Analyze the detail system of car loan management system. You can take help of internet to find you any car loan management system. Your task is as follows:

b. Define all the existing processes in loan management system.
c. Create classes.
d. Create use case diagram.
e. Make activity and sequence diagram.
f. Now select any class and try to enhance it according to your gap analysis.
g. Code the class for which you have enhance the process.

2. Analyze the detail system of Cargo Management System. You can take help of internet to find you any cargo management system. Your task is as follows:

a. Define all the existing processes in cargo management system.
b. Create the main classes.
c. Create use case diagram.
d. Make activity and sequence diagram.
e. Now select any class and try to enhance it according to your gap analysis.
f. Code the class for which you have enhance the process.

Student Name: _____   **Roll No:** _____   **Section:** _____