Programming with Java
Extra Practical Assignment
Class and Methods

1. Write a program to create a room class, the attributes of this class is roomno, roomtype, roomarea and ACmachine. In this class the member functions are setdata() and displaydata(). Create object and demonstrate.

2. Create a class named Candidate with Candidate_ID, Candidate_Name, Candidate_Age,Candidate_Weight and Candidate_Height data members. Also create a method GetCandidateDetails() and Display CandidateDetails(). Create main method to demonstrate the Candidate class.

3. Create a class named Bank_Account with Account_No, User_Name, Email, Account_Type and Account_Balance data members. Also create a method GetAccountDetails() and DisplayAccountDetails(). Create main method to demonstrate the Bank_Account class.

4. WAP with following specifications:

   Class Name: Employee
   Data Members: Employee_ID, Employee_Name, Designation, Age, Basic Salary
   Member Functions: GetEmployeeDetails () and Gross_Salary() and DisplayEmpolyeeDetails ()
   Basic Salary <= 10000 : HRA = 20%, DA = 80%
   Basic Salary is between 10001 to 20000 : HRA = 25%, DA = 90%
   Basic Salary >= 20001 : HRA = 30%, DA = 95%
   PF = 11% of basic salary
   Gross Salary = Basic + HRA + DA + − PF

5. Write a class program with following specifications:
   Class Name: Student
   Data Members: Enrollment_No, Student_Name, Semester, CPI and SPI
   Member Functions: GetStudentDetails () and DisplayStudentDetails ().

6. Define Time class with hour and minute as data member. Also define addition method to add two time objects.