[25 Marks]

PART 3 – Implementing Complete Solution

Problem Description:

Developers need to provide salary calculation part in this module. Follow below instructions to complete the solution.

1. Modify AttendanceMaster class, Add FilterEmployeeList() which should remove all those employees from dictionary who are not eligible for salary.

2. Create a class called SalCalculator, define CalculateSalary() method, pass filtered Dictionary of AttendanceMaster to this method as parameter. Calculate salary based on below formula:

    a. Pf is 10% of sal
    b. Allowances which are already added to Employee object in part1 now have to be made of part of this module. Calculate allowance based on their designation as explained in part1.
    c. Gross should be salary+allowances
    d. Net should be gross-pf

3. Once salary is calculate, this method should print the employee details along with number of working days and salary gained.

Class diagram is provided for reference.

Class AttendanceMaster
empAtten : Dictionary<Employee, int>
AttendanceMaster(): void ShowEligibleList(): void FilterEmployeeList(): void

Class SalCalculator
SalCalculator() CalculateSalary(Employee emp, int attendance): void FilterEmployeeList(): void

Execution: Write TestEmployee class with Main(), Add FilterEmployeeList() method, filter list of employees, and pass this object to calculateSalary() method along with attendance number. Calculate the salary for this object, print the details of employee and salary for the current month.

********** *END* **********