**Assignment – Day 3**

**Time 90 mins**

1. Create a class Employee and sub classes Manager and

Clerk

**Employee:**

Instance Variables: name, empId, salary.

Methods: set and get methods for name, empId, getSalary,setSalary Method

**Manager:**

Instance Variables: type

Methods: setSalary()

**Clerk:**

Instance Variables: int speed, int accuracy

Methods: setSalary()

Provide constructors for all classes. Create a general class **“MyClass”.** In this class create objects of Manager, Clerk and Employee classes.Set the name, empId and salary attributes for each object, and accordingly display them.

**40 mins**

1. Create a class Student and the sub classes DayScholar and

Hosteller

**Student :**

Instance Variables: studId : int , studName :String ,

examFee:double

Methods: displayDetails(): void , payFee() :double

Provide suitable constructors

**DayScholar :**

Instance Variables : transportFee:double , Methods: Provide suitable constructors.

**Hosteller :**

Instance Variables: hostelFee :double

Methods: Provide suitable constructors

Create a general class “RunClass”. In this create two objects for each DayScholar and Hosteller classes. Invoke payFee() method with suitable amount and obtain the remaining amount to be paid.

**50 mins**