EXTRA PROGRAMS

1)
```
import java.util.Scanner;
class Employee
{
    String empid;
    String empname;
    int empnohrs;
    double empbasic, emphra, empda, empit, empgross;
    void accept()
    {
        System.out.println("Enter employee details");
        Scanner xx = new Scanner(System.in);
        System.out.println("Enter employee ID:");
        empid = xx.next();
        System.out.println("Enter name:");
        empname = xx.next();
        System.out.println("Enter no of hours:");
        empnohrs = xx.nextInt();
        System.out.println("Enter basic salary:");
        empbasic = xx.nextDouble();
        System.out.println("Enter HRA percentage:");
        emphra = xx.nextDouble();
        System.out.println("Enter DA percentage:");
        empda = xx.nextDouble();
```

```
System.out.println("Enter IT percentage:");
empit = xx.nextDouble();
}
void calculate()
{
    double additional = 0.0;
    empgross = empbasic + empbasic * emphra +
                empbasic * emphra - empbasic * empit;
    if (empnohrs > 200)
    {
        System.out.println("gross salary:" + empgross).
        additional = (empnohrs - 200) * 100;
        empgross += additional;
        System.out.println("Overtime amount:" + additional);
        System.out.println("final salary :" + empgross);
    }
    if (empnohrs < 200)
    {
        System.out.println("gross salary :" + empgross);
        additional = (200 - empnohrs) * 100;
        empgross = empgross - additional;
        System.out.println("overtime amount :" +
                            additional);
        System.out.println("final salary :" + empgross);
    }
}
```

```
public static void main(String args[])
{
    Employee e = new Employee();
    e.accept();
    e.calculate();
  }
}
```

2)
```
import java.util.Scanner;
class Age
{
  int years;
  int months;

  public static void main(String args[])
  {
    Scanner xx = new Scanner(System.in);
    Age a1 = new Age();
    Age a2 = new Age();
    System.out.println("Enter age of Rashmi");
    a1.years = xx.nextInt();
    a1.months = xx.nextInt();
    System.out.println("Enter age of Simran");
    a2.years = xx.nextInt();
```

```
a2.months = xx.nextInt();
if (a1.years > a2.years)
{
    System.out.println("Rashmi is elder
                        than Simran");
}
else if (a2.years > a1.years)
{
    System.out.println("Simran is elder
                        than Rashmi");
}
else if (a1.years == a2.years)
{
    if (a1.months > a2.months)
    {
        System.out.println("Rashmi is elder
                            than Simran");
    }
    else if (a2.months > a1.months)
    {
        System.out.println("Simran is
                            elder than Rashmi");
    }
```

```
else
{
    System.out.println("Both are of same age").
}
}
}
}
}
```