

## Week-5   Extra Programs

```

1.) import java.util.Scanner;
class Employee {
    int empid, empnohrs;
    String empname;
    double empbasic, emphra, empda, empit, empgross;
    void setDetails() {
        Scanner sc = new Scanner(System.in);
        System.out.println("Enter Employee Id:
            In Name: In No. of working hours: In Basic
            Salary: In HRA: In DA: In IT: ");
        empid = sc.nextInt();
        empname = sc.next();
        empnohrs = sc.nextInt();
        empbasic = sc.nextDouble();
        emphra = sc.nextDouble();
        empda = sc.nextDouble();
        empit = sc.nextDouble();
    }
    void Calcgross() {
        empgross = empbasic + empbasic * (emphra/100) +
            empbasic * (empda/100) - empbasic *
            (empit/100);
        System.out.println("Employee gross salary = "
            + empgross);
    }
    void Newgross() {
        if (empnohrs > 200) {
            empgross = empgross + ((empnohrs - 200) * 100);
        }
    }
}

```

```
else if (empnohrs < 200) {  
    empgross = empgross - ((200 - empnohrs) * 100);  
}  
System.out.println("Employee updated gross  
salary = " + empgross);  
}  
}  
class Empmain1 {  
    public static void main (String[] args) {  
        Employee e1 = new Employee();  
        e1.setDetails();  
        e1.Calcgross();  
        e1.Newgross();  
    }  
}
```

2.) import java.util.Scanner;

class Age {

String Name;

int year;

int month;

int age;

void setData() {

Scanner sc = new Scanner(System.in);

System.out.println("Enter name and age in  
year and month respectively: ");

Name = sc.next();

year = sc.nextInt();

month = sc.nextInt();

}

int retAge() {

age = (year \* 12) + month;

return age;

}

}

class Agemain {

public static void main (String[] args) {

Age a1 = new Age();

Age a2 = new Age();

a1.setData();

a2.setData();

~~a1.setData();~~

~~a2.setData();~~

~~if (a1.retAge~~



```
a1.setAge();  
a2.setAge();  
if (a1.setAge() > a2.setAge()) {  
    System.out.println("1st person is elder");  
}  
else if (a2.setAge() > a1.setAge()) {  
    System.out.println("2nd person is elder");  
}  
}
```