

Employee:-

```
import java.util.*;
```

```
class Employee
```

```
{
```

```
    public static double empgross;
```

```
    public static String empname;
```

```
    public static String empid;
```

```
    public static double da;
```

```
    public static double hra;
```

```
    public static double it;
```

```
    public static double basic;
```

```
    public static int totl;
```

```
    public static int oth;
```

```
    Scanner in = new Scanner(System.in);
```

```
    void accept()
```

```
{
```

```
        System.out.println("Enter details");
```

```
        System.out.println("Name:");
```

```
        empname = in.next();
```

```
        System.out.println("ID:");
```

```
        empid = in.next();
```

```
        System.out.println("Basic Salary in Rs.");
```

```
        basic = in.nextDouble();
```

```
        System.out.println("DA HRA and IT in %");
```

```

da = in.nextDouble();
hra = in.nextDouble();
it = in.nextDouble();
System.out.println("Enter the total no. of hours
worked including OT");
totl = in.nextInt();
System.out.println("OT Hours");
oth = in.nextInt();
}
void gross()
{
    empgross = basic * (da + hra - it + 100)/100;
}
void calculation()
{
    empgross = empgross + (oth * 100);
    if (totl >= 200)
    {
        empgross = empgross + ((totl - 200) * 100);
    }
    else
    {
        empgross = empgross - ((200 - totl) * 100);
    }
    display();
}
}

```

```
void display()
```

```
{
```

```
    System.out.println("Name: Name" + empname);  
    System.out.println("Gross Salary : Rs. " +  
        empgross);
```

```
}
```

```
}
```

```
class EmpMain {
```

```
{
```

```
    public static void main(String [] args)
```

```
{
```

```
        Employee e1 = new Employee();
```

```
        e1.accept();
```

```
        e1.gross();
```

```
        e1.calculation();
```

```
}
```

```
}
```


3: Agematin

```
import java.util.*;  
class Age
```

```
{
```

```
    public String name;
```

```
    public int years;
```

```
    public int months;
```

```
    Scanner in = new Scanner(System.in);
```

```
    void accept()
```

```
{
```

```
        System.out.println("Enter name");
```

```
        name = in.nextLine();
```

```
        System.out.println("Enter the age in  
        years and months");
```

```
        years = in.nextInt();
```

```
        months = in.nextInt();
```

```
        System.out.println("-----");
```

```
}
```

```
}
```

```
class AgeMain
```

```
{
```

```
    public static void main(String args[])
```

```
{
```

```
        Age p1 = new Age();
```

```
Age p2 = new Age();
```

```
p1.accept();
```

```
p2.accept();
```

```
if (p1.years > p2.years)
```

```
    System.out.println("p1.name + " is elder than  
    " + p2.name);
```

```
else if (p1.years == p2.years)
```

```
{
```

```
    if (p1.months > p2.months)
```

```
        System.out.println(p1.name + " is elder than  
        " + p2.name);
```

```
    else if (p1.months == p2.months)
```

```
        System.out.println(p1.name + " and " + p2.name  
        + " are of same age");
```

```
    else
```

```
        System.out.println(p2.name + " is elder than  
        " + p1.name);
```

```
}
```

```
else
```

```
    System.out.println(p2.name + " is elder than"  
    + p1.name);
```

```
}
```

```
}
```