1)

```java
import java.util.*;
class Employee{
    float empnohrs, empbasic, emphra, empda, empit, empgross;
    String empname,empid;
    Employee(){
        Scanner in = new Scanner(System.in);
        System.out.println("Enter employee name:");
        empname=in.nextLine();
        System.out.println("Enter employee ID:");
        empid=in.nextLine();
        System.out.println("Enter employee's number of hours:");
        empnohrs=in.nextFloat();
        System.out.println("Enter values of basic:");
        empbasic=in.nextFloat();
        System.out.println("Enter HRA percent:");
        emphra=in.nextFloat();
        System.out.println("Enter DA percent:");
        empda=in.nextFloat();
        System.out.println("Enter IT percent:");
        empit=in.nextFloat();
    }
    void calculategross(){
        empgross=empbasic+(empbasic*emphra/100)+(empbasic*empda/100)-(empbasic*empit/100);
    }
    void over(){
        if (empnohrs>200)
        empgross+=(empnohrs-200)*100;
        if (empnohrs<200)
        empgross-=(200-empnohrs)*100;
    }
    void display(){
        System.out.println("Total Amount: "+empgross);
    }
    public static void main(String args[]){
        Scanner in = new Scanner(System.in);
        System.out.println("Enter number of employees");
        int n= in.nextInt();
        Employee ob[]=new Employee[n];
        for (int i=0;i<n;i++){
        ob[i]= new Employee();
        ob[i].calculategross();
        ob[i].over();
        ob[i].display();
    }
    }
}
```

Output:

```
PS D:\Prg data> cd "d:\Prg data\Java\OOJ Lab\Sample\" ;
Enter number of employees
3
Enter employee name:
Mukesh
Enter employee ID:
1234
Enter employee's number of hours:
24
Enter values of basic:
40000
Enter HRA percent:
4
Enter DA percent:
3
Enter IT percent:
6.2
Total Amount: 22720.0
Enter employee name:
Nancy
Enter employee ID:
9661
Enter employee's number of hours:
14
Enter values of basic:
20000
Enter HRA percent:
1
Enter DA percent:
1
Enter IT percent:
1
Total Amount: 1600.0
Enter employee name:
Jindal
Enter employee ID:
3125
Enter employee's number of hours:
20
Enter values of basic:
50000
Enter HRA percent:
2
Enter DA percent:
2
Enter IT percent:
3
Total Amount: 32500.0
```

2)

```java
import java.util.*;

class Age{
    int years, months;
    String name;
    Age(){
        Scanner in = new Scanner(System.in);
        System.out.println("Enter name, years and months");
        name=in.nextLine();
        years=in.nextInt();
        months=in.nextInt();
        in.nextLine();
        }

    void old (Age x) {
        if (years>x.years || (years==x.years && months>x.months))
        System.out.println("Older among the two: "+name);
        else if (years<x.years || (years==x.years && months<x.months))
        System.out.println("Older among the two: "+x.name);
        else
        System.out.println("Both have same age");
    }
    public static void main(String args[]){
    Age p1=new Age();
    Age p2=new Age();
    p1.old(p2);
    }
}
```

Output:

```
PS D:\Prg data\Java\OOJ Lab\Sample>
Enter name, years and months
Ridhi
21
5
Enter name, years and months
Sunaina
19
2
Older among the two: Ridhi
```