```java
import java.util.Scanner;
class Employee
{
    Employee()
    {
        empgross=0.0;
    }
    int eid;
    String ename;
    int hrs;
    double ebasic;
    double emphra;
    double empda;
    double empit;
    double empgross;
    void get()
    {
        Scanner s=new Scanner(System.in);
        System.out.println("ENTER THE ID OF EMPLOYEE");
        eid=s.nextInt();
        System.out.println("ENTER NAME OF EMPLOYEE");
        ename=s.next();
        System.out.println("ENTER THE NUMBER OF HOURS WORKED");
        hrs=s.nextInt();
        System.out.println("ENTER BASIC AMT OF EMPLOYEE");
        ebasic=s.nextDouble();
        System.out.println("ENTER THE PERCENTAGE OF HRA");
        emphra=s.nextDouble();
        System.out.println("ENTER THE PERCENTAGE OF DA");
        empda=s.nextDouble();
        System.out.println("ENTER THE PERCENTAGE OF IT");
        empgross=s.nextDouble();
    }
    double calculategross()
    {
        empgross=ebasic+ebasic*(emphra/100)+ebasic*(empda/100)-ebasic*(empit/100);
        return empgross;
    }
}
```

```java
39        double finalgross()
40        {
41            if(hrs>200)
42                empgross=empgross+100*(hrs-200);
43            else
44                empgross=empgross-100*(200-hrs);
45                return empgross;
46    }
47 }
48 class employeemain
49 {
       Run | Debug
50     public static void main(String args[])
51     {
52         Scanner ss=new Scanner(System.in);
53         System.out.println("ENTER THE NUMBER OF EMPLOYEES");
54         int n=ss.nextInt();
55         Employee emp[]=new Employee[n];
56         for(int i=0;i<n;i++)
57         {
58             System.out.println("ENTER THE DETAILS OF EMPLOYEE"+(i+1));
59             emp[i]=new Employee();
60             emp[i].get();
61         }
62         for(int i=0;i<n;i++)
63         {
64             System.out.println("THE INITIAL GROSS SALARY OF EMPLOYEE="+emp[i].calculategross());
65             System.out.println("THE FINAL GROSS SALARY OF EMPLOYEE="+emp[i].finalgross());
66         }
67     }
68 }
```
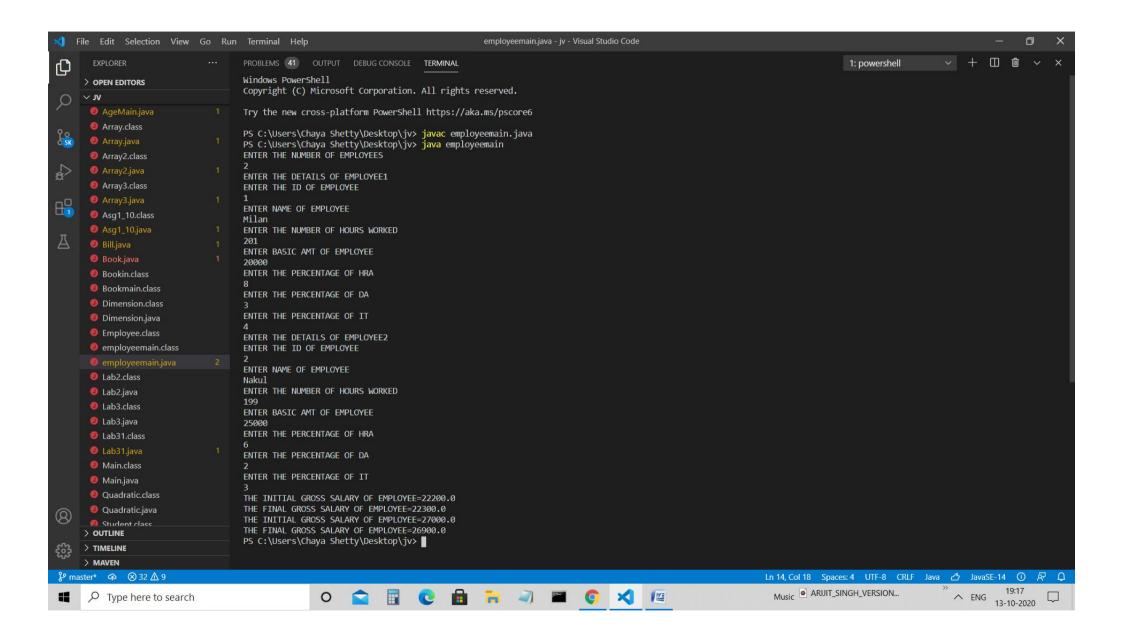
File Edit Selection View Go Run Terminal Help

EXPLORER ···

> OPEN EDITORS
∨ JV
  ⬤ AgeMain.java   1
  ⬤ Array.class
  ⬤ Array.java   1
  ⬤ Array2.class
  ⬤ Array2.java   1
  ⬤ Array3.class
  ⬤ Array3.java   1
  ⬤ Asg1_10.class
  ⬤ Asg1_10.java   1
  ⬤ Bill.java   1
  ⬤ Book.java   1
  ⬤ Bookin.class
  ⬤ Bookmain.class
  ⬤ Dimension.class
  ⬤ Dimension.java
  ⬤ Employee.class
  ⬤ employeemain.class
  ⬤ employeemain.java   2
  ⬤ Lab2.class
  ⬤ Lab2.java
  ⬤ Lab3.class
  ⬤ Lab3.java
  ⬤ Lab31.class
  ⬤ Lab31.java   1
  ⬤ Main.class
  ⬤ Main.java
  ⬤ Quadratic.class
  ⬤ Quadratic.java
  ⬤ Student.class
> OUTLINE
> TIMELINE
> MAVEN

PROBLEMS 41   OUTPUT   DEBUG CONSOLE   TERMINAL

1: powershell

Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\Chaya Shetty\Desktop\jv> javac employeemain.java
PS C:\Users\Chaya Shetty\Desktop\jv> java employeemain
ENTER THE NUMBER OF EMPLOYEES
2
ENTER THE DETAILS OF EMPLOYEE1
ENTER THE ID OF EMPLOYEE
1
ENTER NAME OF EMPLOYEE
Milan
ENTER THE NUMBER OF HOURS WORKED
201
ENTER BASIC AMT OF EMPLOYEE
20000
ENTER THE PERCENTAGE OF HRA
8
ENTER THE PERCENTAGE OF DA
3
ENTER THE PERCENTAGE OF IT
4
ENTER THE DETAILS OF EMPLOYEE2
ENTER THE ID OF EMPLOYEE
2
ENTER NAME OF EMPLOYEE
Nakul
ENTER THE NUMBER OF HOURS WORKED
199
ENTER BASIC AMT OF EMPLOYEE
25000
ENTER THE PERCENTAGE OF HRA
6
ENTER THE PERCENTAGE OF DA
2
ENTER THE PERCENTAGE OF IT
3
THE INITIAL GROSS SALARY OF EMPLOYEE=22200.0
THE FINAL GROSS SALARY OF EMPLOYEE=22300.0
THE INITIAL GROSS SALARY OF EMPLOYEE=27000.0
THE FINAL GROSS SALARY OF EMPLOYEE=26900.0
PS C:\Users\Chaya Shetty\Desktop\jv>

master* ⊗ 32 ⚠ 9   Ln 14, Col 18   Spaces: 4   UTF-8   CRLF   Java   JavaSE-14

Type here to search   Music ARIJIT_SINGH_VERSION...   ENG   19:17 13-10-2020

```java
import java.util.Scanner;

class Age{
    private int years;
    private int months;
    private double age;

    void getDetails(){
        Scanner sc = new Scanner(System.in);
        System.out.println("How many years are you old?");
        years = sc.nextInt();
        System.out.println("How many months are you old?");
        months = sc.nextInt();
    }

    String older(Age a){
        this.age = this.years + (this.months / 12.0);
        a.age = a.years + (a.months / 12.0);
        if(this.age > a.age){
            return "Person1";
        }
        else if(a.age > this.age){
            return "Person2";
        }
        return "0";
    }
}
```

```java
28
29   public class AgeMain {
     Run | Debug
30       public static void main(String[] args) {
31           Age a1 = new Age();
32           Age a2 = new Age();
33           System.out.println("Enter 1st person's age");
34           a1.getDetails();
35           System.out.println("Enter 2nd person's age");
36           a2.getDetails();
37           String eq = a1.older(a2);
38           if(eq == "0"){
39               System.out.println("They're both of same age");
40           }
41           else{
42               System.out.println(eq + " is oldest among two.");
43           }
44
45       }
46   }
```

File Edit Selection View Go Run Terminal Help

EXPLORER

> OPEN EDITORS
> JV
- Age.class
- AgeMain.class
- AgeMain.java
- Array.class
- Array.java
- Array2.class
- Array2.java
- Array3.class
- Array3.java
- Asg1_10.class
- Asg1_10.java
- Bill.java
- Book.java
- Bookin.class
- Bookmain.class
- Dimension.class
- Dimension.java
- Employee.class
- employeemain.class
- employeemain.java
- Lab2.class
- Lab2.java
- Lab3.class
- Lab3.java
- Lab31.class
- Lab31.java
- Main.class
- Main.java
- Quadratic.class
> OUTLINE
> TIMELINE
> MAVEN

PROBLEMS 41   OUTPUT   DEBUG CONSOLE   TERMINAL

1: powershell

```
Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\Chaya Shetty\Desktop\jv> javac AgeMain.java
PS C:\Users\Chaya Shetty\Desktop\jv> java AgeMain
Enter 1st person's age
How many years are you old?
25
How many months are you old?
5
Enter 2nd person's age
How many years are you old?
25
How many months are you old?
3
Person1 is oldest among two.
PS C:\Users\Chaya Shetty\Desktop\jv>
```

master*   32 9   Ln 23, Col 30   Spaces: 4   UTF-8   CRLF   Java   JavaSE-14