

```

547 //Employee Salary
548 import java.util.*;
549 class Employee{
550     int empid;
551     String empname;
552     double empgross,empnohrs,empbasic,emphra,empda,empit;
553     void getdata(){
554         Scanner in=new Scanner(System.in);
555         System.out.println("\nEnter Employee id : ");
556         empid=in.nextInt();
557         System.out.println("Enter Employee name : ");
558         empname=in.next();
559         System.out.println("Enter Employee no. of hrs of work : ");
560         empnohrs=in.nextDouble();
561         System.out.println("Enter Employee basic salary : ");
562         empbasic=in.nextDouble();
563         System.out.println("Enter Employee hra(% of salary) : ");
564         emphra=in.nextDouble();
565         System.out.println("Enter Employee da(% of salary) : ");
566         empda=in.nextDouble();
567         System.out.println("Enter Employee it(% of salary) : ");
568         empit=in.nextDouble();
569         if(emphra+empda+empit>100){
570             System.out.println("Enter proper values for hra,da,it!!!");
571             System.out.println("Enter Employee hra(% of salary) : ");
572             emphra=in.nextDouble();
573             System.out.println("Enter Employee da(% of salary) : ");
574             empda=in.nextDouble();
575             System.out.println("Enter Employee it(% of salary) : ");
576             empit=in.nextDouble();
577         }
578     }
579     void calc(){
580         if(empnohrs>200){
581             empgross=empbasic+empbasic*emphra*0.01+empbasic*empda*0.01-empbasic*empit*0.01+(empnohrs-200)*100;
582         }
583         else if(empnohrs==200){
584             empgross=empbasic+empbasic*(emphra*0.01)+empbasic*(empda*0.01)-empbasic*(empit*0.01);
585         }
586         else if(empnohrs<200){
587             empgross=empbasic+empbasic*(emphra*0.01)+empbasic*(empda*0.01)-empbasic*(empit*0.01)-(200-empnohrs)*100;

```

```
588     }
589 }
590 void display(){
591     calc();
592     System.out.println("\nEmployee id : "+empid);
593     System.out.println("Employee name : "+empname);
594     System.out.println("Employee gross salary : "+empgross);
595 }
596 }
597 class Series{
598     public static void main(String args[]){
599         Scanner in = new Scanner(System.in);
600         System.out.println("Enter the number of employees : ");
601         int n=in.nextInt();
602         Employee e[]=new Employee[n];
603         for(int i=0;i<n;i++){
604             e[i]=new Employee();
605             System.out.println("\n");
606             e[i].getdata();
607         }
608         for(int i=0;i<n;i++){
609             e[i].display();
610         }
611     }
612 }
```

C:\Users\Shreshtha Aggarwal\Desktop\java>javac Series.java

C:\Users\Shreshtha Aggarwal\Desktop\java>java Series

Enter the number of employees :

2

Enter Employee id :

12

Enter Employee name :

a

Enter Employee no. of hrs of work :

190

Enter Employee basic salary :

60000

Enter Employee hra(% of salary) :

2

Enter Employee da(% of salary) :

3

Enter Employee it(% of salary) :

4

Enter Employee id :

34

Enter Employee name :

b

Enter Employee no. of hrs of work :

240

Enter Employee basic salary :

50000

Enter Employee hra(% of salary) :

2

Enter Employee da(% of salary) :

3

Enter Employee it(% of salary) :

4

Employee id : 12

Employee name : a

Employee gross salary : 59600.0

Employee id : 34

Employee name : b

Employee gross salary : 54500.0

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```
625 //Elder Person
626 import java.util.*;
627 class Age{
628     int years,months,age;
629     String name;
630     void getdata(){
631         Scanner in=new Scanner(System.in);
632         System.out.println("Enter name of person : ");
633         name=in.next();
634         System.out.println("Enter years : ");
635         years=in.nextInt();
636         System.out.println("Enter months : ");
637         months=in.nextInt();
638         if(months>=12 || months<0 || years<0){
639             System.out.println("Enter proper age!!!");
640             System.out.println("Enter years : ");
641             years=in.nextInt();
642             System.out.println("Enter months : ");
643             months=in.nextInt();
644         }
645     }
646     void calc(){
647         age=years*12+months;
648     }
649 }
```

```
648     }
649 }
650 class Series{
651     public static void main(String args[]){
652         Age a1=new Age();
653         Age a2=new Age();
654         System.out.println("Enter details of person 1 : ");
655         a1.getdata();
656         System.out.println("\nEnter details of person 2 : ");
657         a2.getdata();
658         a1.calc();
659         a2.calc();
660         if(a1.age>a2.age){
661             System.out.println("\nPerson 1 is elder than person 2...");
662         }
663         else if(a1.age==a2.age){
664             System.out.println("\nPerson 1 and person 2 are of same age...");
665         }
666         else if(a1.age<a2.age){
667             System.out.println("\nPerson 2 is elder than person 1...");
668         }
669     }
670 }
671
```



```
C:\Users\Shreshtha Aggarwal\Desktop\java>javac Series.java

C:\Users\Shreshtha Aggarwal\Desktop\java>java Series
Enter details of person 1 :
Enter name of person :
a
Enter years :
12
Enter months :
10

Enter details of person 2 :
Enter name of person :
b
Enter years :
34
Enter months :
5

Person 2 is elder than person 1...

C:\Users\Shreshtha Aggarwal\Desktop\java>
```