

PayRoll.java

```

1 import java.util.Scanner;
2
3 public class PayRoll {
4     public static void main(String[] args) {
5         Scanner in = new Scanner(System.in);
6         System.out.print("enter the number of employees: ");
7         int num = in.nextInt();
8
9         for (int i=1;i<=num;i++) {
10            System.out.println("employee " + i);
11            System.out.print("enter the hours: ");
12            double hours = in.nextDouble();
13            System.out.print("enter the wage: ");
14            double wage = in.nextDouble();
15            double total= 0;
16
17            if (hours<=40) {
18                total=hours*wage;
19            }
20            else {
21                total= 40*wage+(hours - 40) *1.5*wage;
22            }
23            System.out.println("total pay for employee " + i + ": rs" + total);
24        }
25
26        in.close();
27    }
28 }
29
    
```

input

```

enter the number of employees: 2
employee 1
enter the hours: 30
enter the wage: 20
total pay for employee 1: rs600.0
employee 2
enter the hours: 45
enter the wage: 20
total pay for employee 2: rs950.0
    
```

```

...Program finished with exit code 0
Press ENTER to exit console.
    
```

Shopping.java

```
1 import java.util.Scanner;
2
3 public class Shopping{
4     public static void main(String[] args) {
5         Scanner in= new Scanner(System.in);
6         double total= 0;
7
8         System.out.print("enter the number of items: ");
9         int num = in.nextInt();
10
11         for (int i=1;i<=num;i++) {
12             System.out.print("enter the price of item" + i + ": ");
13             double price = in.nextDouble();
14             System.out.print("enter the quantity of item" + i + ": ");
15             int quantity= in.nextInt();
16             total += price*quantity;
17         }
18
19         if (total>100) {
20             total*= 0.9;
21         }
22
23         System.out.println("total price: "+ total + " Rs");
24         in.close();
25     }
26 }
27
```



input

```
enter the number of items: 3
enter the price of item1: 10
enter the quantity of item1: 1
enter the price of item2: 20
enter the quantity of item2: 2
enter the price of item3: 15
enter the quantity of item3: 2
total price: 80.0 Rs
```

```
...Program finished with exit code 0
Press ENTER to exit console.
```