

Q 1 Java program to print welcome message.

CODE→

```
package Day2_3;

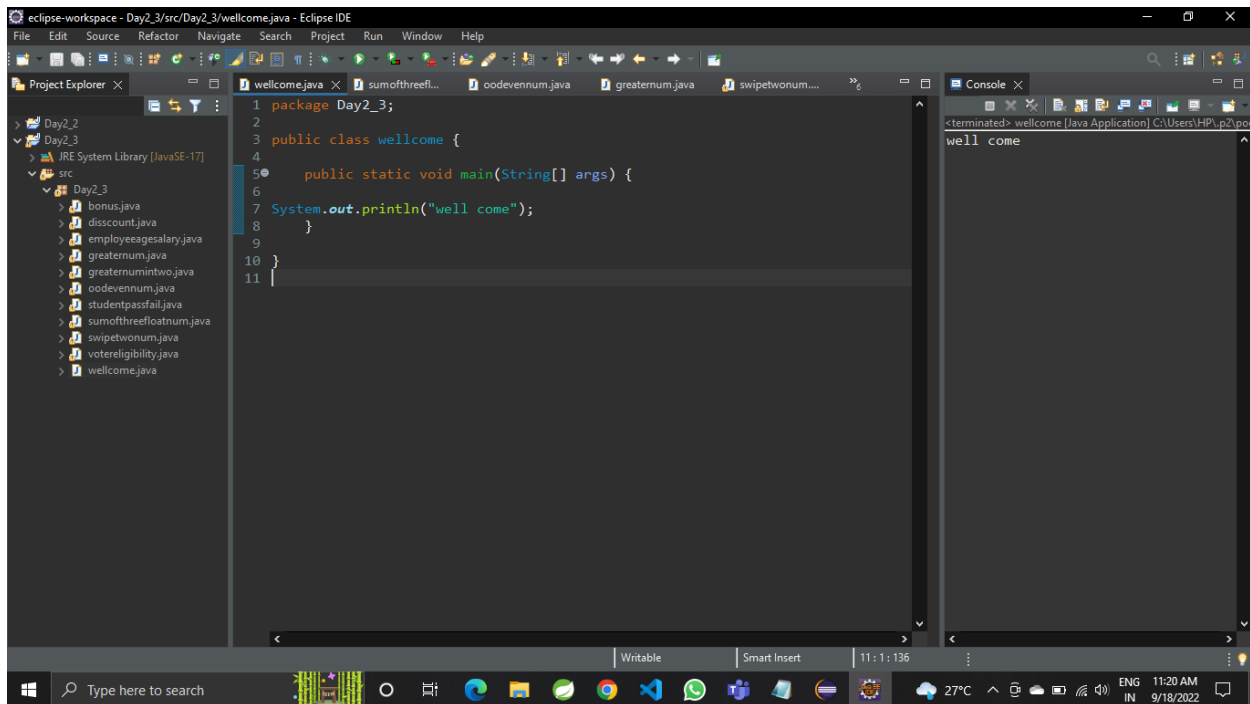
public class wellcome {

    public static void main(String[] args) {

        System.out.println("well come");

    }

}
```



Q 2 Java program to print sum of three float numbers

CODE→

```
package Day2_3;

import java.util.Scanner;

public class sumofthreefloatnum {

    public static void main(String[]args) {

        float a;

        float b;
```

```

float c;

float addition;

Scanner sc= new Scanner (System.in);

System.out.println("inter the value a");

a=sc.nextFloat();

System.out.println("inter the value b");

b=sc.nextFloat();

System.out.println("inter the value c");

c=sc.nextFloat();

addition=a+b+c;

System.out.println("addition : " + addition );

}

}

```

```

eclipse-workspace - Day2_3/src/Day2_3/sumofthreefloatnum.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help

Project Explorer
  Day2_2
  Day2_3
    JRE System Library [JavaSE-17]
    src
      Day2_3
        bonus.java
        discount.java
        employeeagesalary.java
        greaternum.java
        greaternumtwo.java
        oodevennum.java
        studentpassfail.java
        sumofthreefloatnum.java
        swipetwonum.java
        voterelegibility.java
        welcome.java

sumofthreefloatnum.java
1 package Day2_3;
2
3 import java.util.Scanner;
4
5 public class sumofthreefloatnum {
6     public static void main(String[] args) {
7
8         float a;
9         float b;
10        float c;
11        float addition;
12
13        Scanner sc= new Scanner (System.in);
14        System.out.println("inter the value a");
15        a=sc.nextFloat();
16
17        System.out.println("inter the value b");
18        b=sc.nextFloat();
19
20        System.out.println("inter the value c");
21        c=sc.nextFloat();
22
23        addition=a+b+c;
24        System.out.println("addition : " + addition );
25
26    }
27 }
28
29
30

Console
<terminated> sumofthreefloatnum [Java Application] C:\Users\...
inter the value a
15.5
inter the value b
25.6
inter the value c
42.6
addition : 83.7

```

Q 3 Wap to check if number is even or odd

CODE→package Day2_3;

import java.util.Scanner;

```

public class oodevennum {

    public static void main(String []args) {

        int num1;

        Scanner sc=new Scanner(System.in);

        System.out.println("enter num1");

        num1=sc.nextInt();

        if(num1/2==0) {

            System.out.println("num1 is even");

        }

        else {

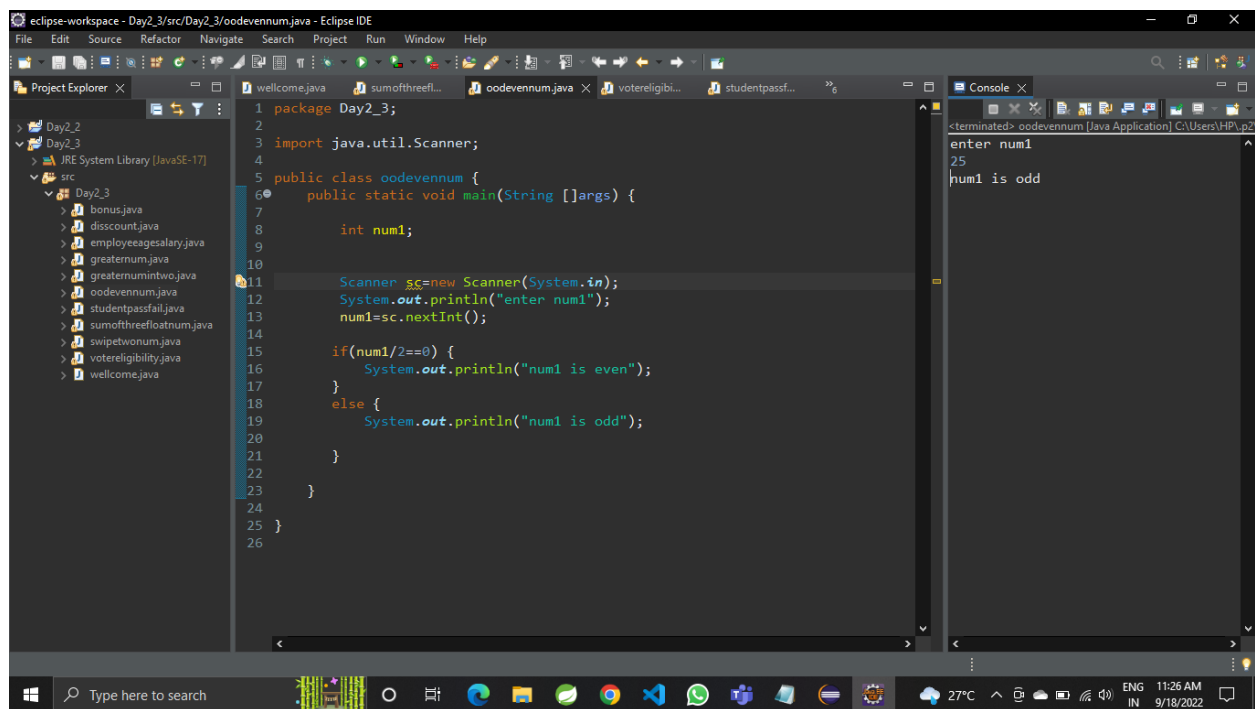
            System.out.println("num1 is odd");

        }

    }

}

```



Q4 Java Program to Swap Two Numbers

CODE→

```
package Day2_3;
```

```

import java.util.Scanner;

public class swipetwonum {

public static void main(String[] args) {

    int a;

    int b;

    int c;

        Scanner sc=new Scanner(System.in);

        System.out.println("enter the value a and b");

        a=sc.nextInt();

        b=sc.nextInt();

        System.out.println("initial value :"+a+" & "+b);

        c=a;

        a=b;

        b=c;

        System.out.println("final value: "+a+" & "+b);

    }

}

```

The screenshot shows the Eclipse IDE with the following components:

- Project Explorer:** Displays the project structure, including 'Day2_2', 'Day2_3', and a 'src' folder containing various Java files like 'bonus.java', 'discount.java', etc.
- Editor:** Shows the source code for 'swipetwonum.java'. The code is as follows:


```

1 package Day2_3;
2
3 import java.util.Scanner;
4
5 public class swipetwonum {
6
7     public static void main(String[] args) {
8
9         int a;
10        int b;
11        int c;
12
13        Scanner sc=new Scanner(System.in);
14        System.out.println("enter the value a and b");
15
16        a=sc.nextInt();
17        b=sc.nextInt();
18
19        System.out.println("initial value :"+a+" & "+b);
20
21
22
23
24        c=a;
25        a=b;
26        b=c;
27
28        System.out.println("final value: "+a+" & "+b);
29
30    }
31

```
- Console:** Shows the output of the program:


```

<terminated> swipetwonum [Java Application] C:\Users\HP\p2
enter the value a and b
5
8
initial value :5 & 8
final value: 8 & 5

```
- Taskbar:** At the bottom, it shows the Windows taskbar with the search bar, application icons, and system tray information (27°C, 11:19 AM, 9/18/2022).

Q 5 wap to check from three given number that whether a number is greater than or equal to 20 and less than other numbers .print appropriate message .

CODE→

```
package Day2_3;

import java.util.Scanner;

public class greaternum {

    public static void main(String []args) {

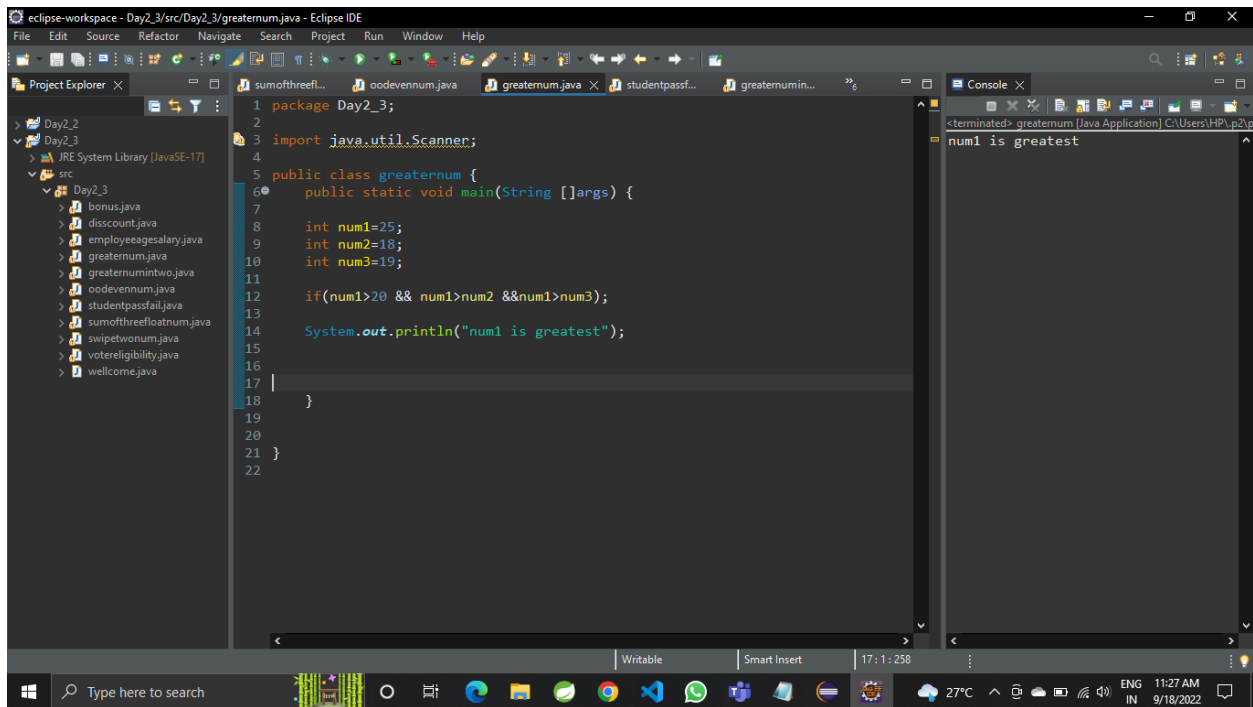
int num1=25;int num2=18;int num3=19;

        if(num1>20 && num1>num2 &&num1>num3);

System.out.println("num1 is greatest");

    }

}
```



Q 6 wap to check if sales of a person is greater than 10000 then eligible for bonus else not eligible calculate bonus as 20% of sale

CODE→

```
package Day2_3;

import java.util.Scanner;

public class bonus {

    public static void main(String[] args) {

        int a;

        Scanner sc= new Scanner(System.in);

        System.out.println("enter value a ");

        a=sc.nextInt();

        if(a>10000) {

            System.out.println("sales man eligible for bonus");

        }

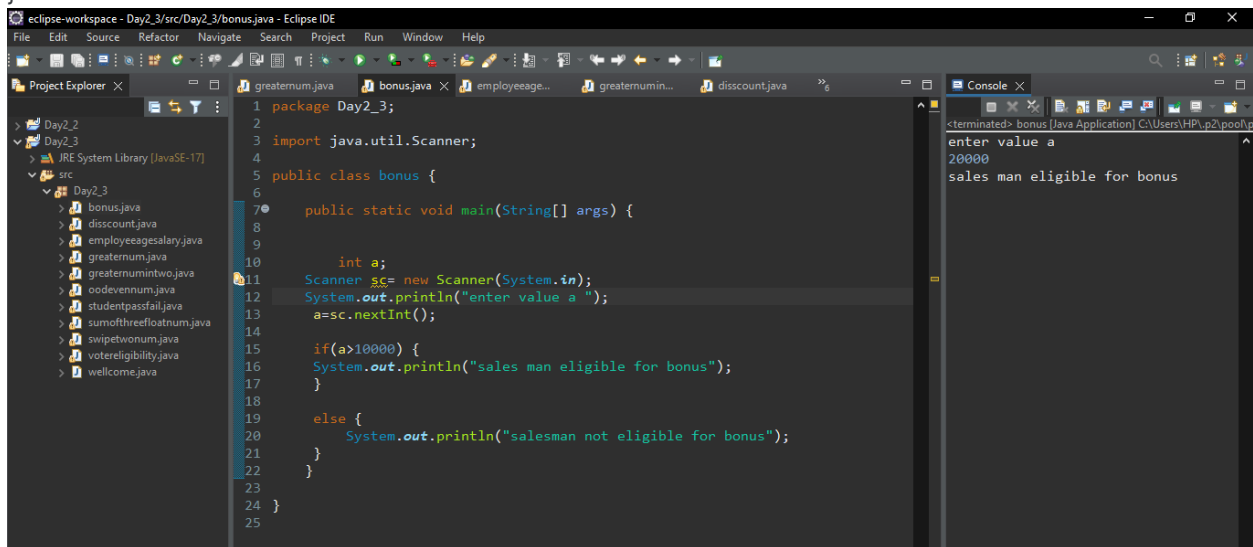
        else {

            System.out.println("salesman not eligible for bonus");

        }

    }

}
```



Q 7 wap to check if two given integer value is in range of 18 and 100 print eligible for voting else not eligible .

CODE→

```

package Day2_3;

import java.util.Scanner;

public class votereligibility {

    public static void main(String[]args) {

        int a;

        Scanner sc= new Scanner(System.in);

        System.out.println("enter the value a");

        a=sc.nextInt();

        if(a<18||a>100) {

            System.out.println("voter is not eligible ");

        }

        else

        {

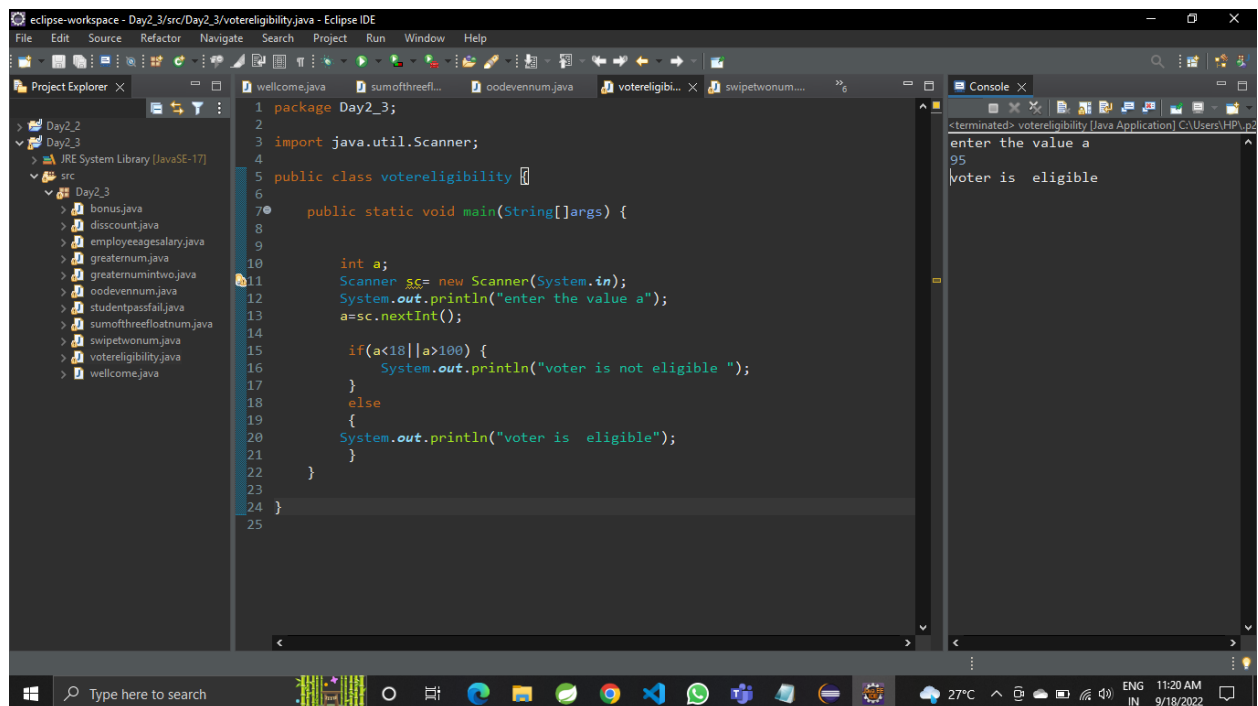
            System.out.println("voter is eligible");

        }

    }

}

```



Q 8 wap to print average of given five subjects marks of student and check if average ≥ 40 print Pass else print fail

CODE→

```
package Day2_3;

import java.util.Scanner;

public class studentpassfail {

    public static void main(String[] args) {

        int a;
        int b;
        int c;
        int d;
        int e;
        int avg;

        Scanner sc=new Scanner(System.in);

        System.out.println("enter the value a");
        a=sc.nextInt();

        System.out.println("enter the value b");
        b=sc.nextInt();

        System.out.println("enter the value c");
        c=sc.nextInt();

        System.out.println("enter the value d");
        d=sc.nextInt();

        System.out.println("enter the value e");
        e=sc.nextInt();

        avg=(a+b+c+d+e)/5;

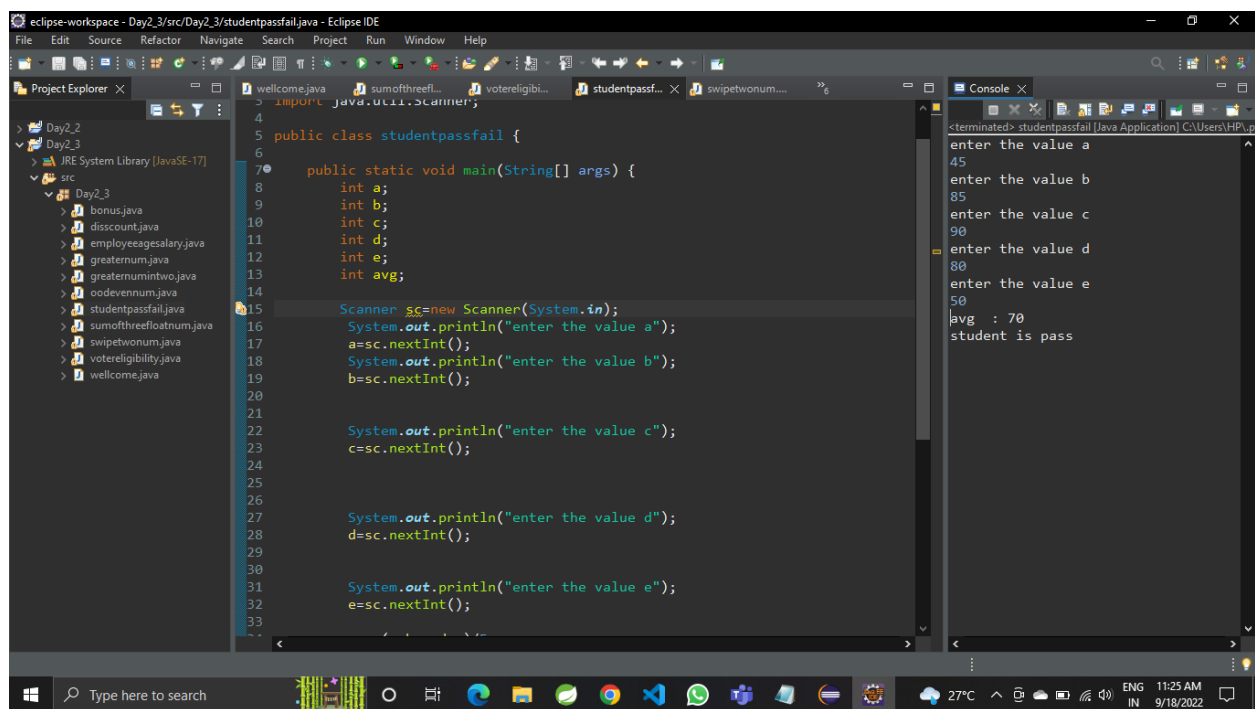
        System.out.println("avg : "+avg);
```



```

        if(avg>=40) {
            System.out.println("student is pass");
        }
        else {
            System.out.println("student is fail");
        }
    }
}

```



Q9 WAP to ask name ,age and salary of an employee and print on console.

CODE→

```
package Day2_3;
```

```
import java.util.Scanner;
```

```
public class employeeagesalary {
```

```

public static void main(String[] args) {

    String name;

    int age;

    double salary;


    Scanner sc=new Scanner(System.in);

    System.out.println("enter the name");

    name=sc.next();

    System.out.println("enter the age");

    age=sc.nextInt();

    System.out.println("enter the salary");

    salary=sc.nextDouble();


    System.out.println("name :"+name + " age:"+age+ " salary: "+salary);

}
}

```

The screenshot shows the Eclipse IDE interface. The Project Explorer on the left displays the project structure with 'Day2_3' as the selected project. The main editor window shows the source code for 'employeeeagesalary.java', which is identical to the code provided in the previous block. The Console window on the right shows the output of the program, indicating it has terminated successfully. The output text is: 'enter the name', 'sunil', 'enter the age', '25', 'enter the salary', '30000', and 'name :sunil age:25 salary: 30000.0'.

Q 10 wap that ask two numbers from user and print greater number among two

CODE→

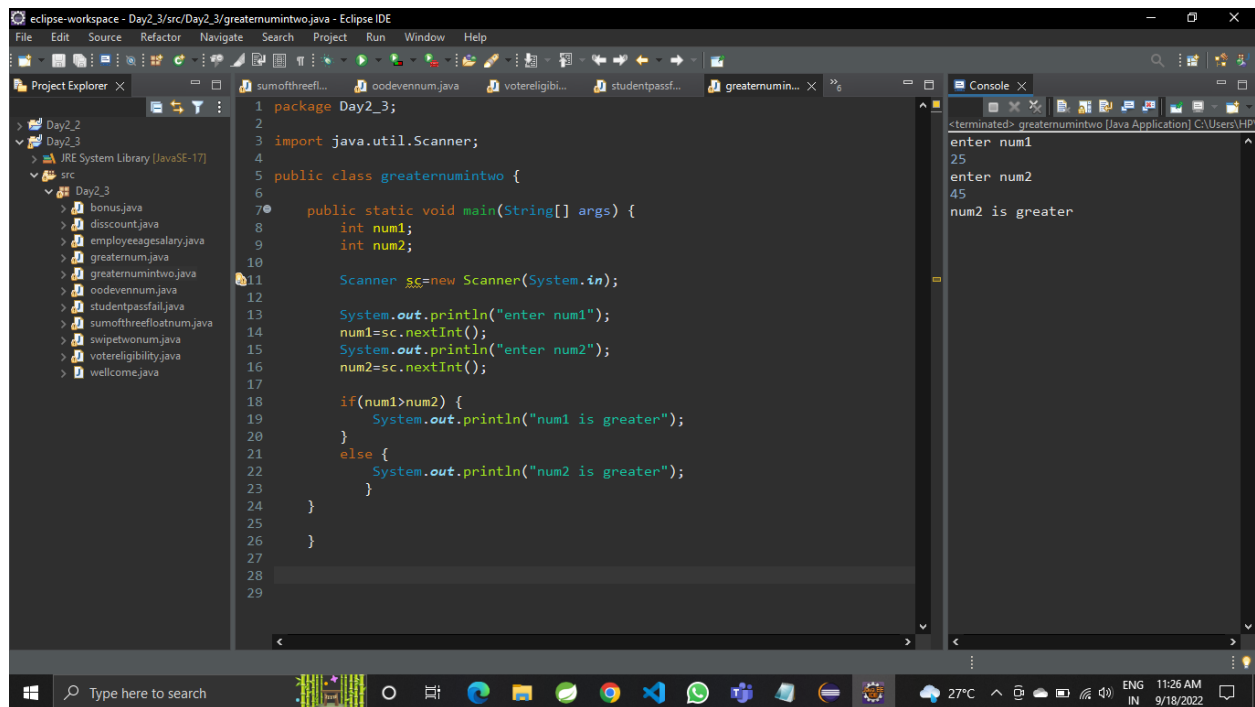
```
package Day2_3;

import java.util.Scanner;

public class greaternumintwo {
    public static void main(String[] args) {
        int num1;
        int num2;

        Scanner sc=new Scanner(System.in);
        System.out.println("enter num1");
        num1=sc.nextInt();
        System.out.println("enter num2");
        num2=sc.nextInt();

        if(num1>num2) {
            System.out.println("num1 is greater");
        }
        else {
            System.out.println("num2 is greater");
        }
    }
}
```



Q 11 wap to ask product name and price of product from user and calculate discount i.e
if price > 2000 then discount is 10 percent of price
else discount is 7 % of price

CODE→

```
package Day2_3;

import java.util.Scanner;

public class disscout {

    public static void main(String[] args) {

        String productname;

        float productprice;

        float disscout;

        Scanner sc=new Scanner(System.in);

        System.out.println("enter product name");

        productname=sc.next();

        System.out.println("enter productprice");

        productprice=sc.nextFloat();
```

```

        if(productprice>2000) {

            disscout=0.1f*productprice;

            System.out.println("disscount :"+disscount);

        }

        else {

            disscout=0.07f*productprice;

            System.out.println("disscount :"+disscount);

        }

    }

}

```

The screenshot shows the Eclipse IDE with the following components:

- Project Explorer:** Shows the project structure with 'Day2_2' and 'Day2_3' folders. 'Day2_3' contains several Java files, including 'disscount.java'.
- Editor:** Displays the code for 'disscount.java'. The code is as follows:


```

1 package Day2_3;
2
3 import java.util.Scanner;
4
5 public class disscount {
6
7     public static void main(String[] args) {
8
9         String productname;
10        float productprice;
11        float disscout;
12        Scanner sc=new Scanner(System.in);
13        System.out.println("enter product name");
14        productname=sc.next();
15
16        System.out.println("enter productprice");
17        productprice=sc.nextFloat();
18
19        if(productprice>2000) {
20
21            disscout=0.1f*productprice;
22
23            System.out.println("disscount :"+disscount);
24        }
25
26        else {
27            disscout=0.07f*productprice;
28            System.out.println("disscount :"+disscount);
29        }
30
31    }
32
33 }

```
- Console:** Shows the output of the program:


```

<terminated> disscount [Java Application] C:\Users\HP\p2\poc
enter product name
mobile
enter productprice
8000
Disscount :800.0

```
- Taskbar:** Shows the Windows taskbar with various application icons and the system clock indicating 11:30 AM on 9/18/2022.