

Q 1. Java program to print welcome message.

package Day2;

//Q 1 Java program to print welcome message.

public class Welcome

{

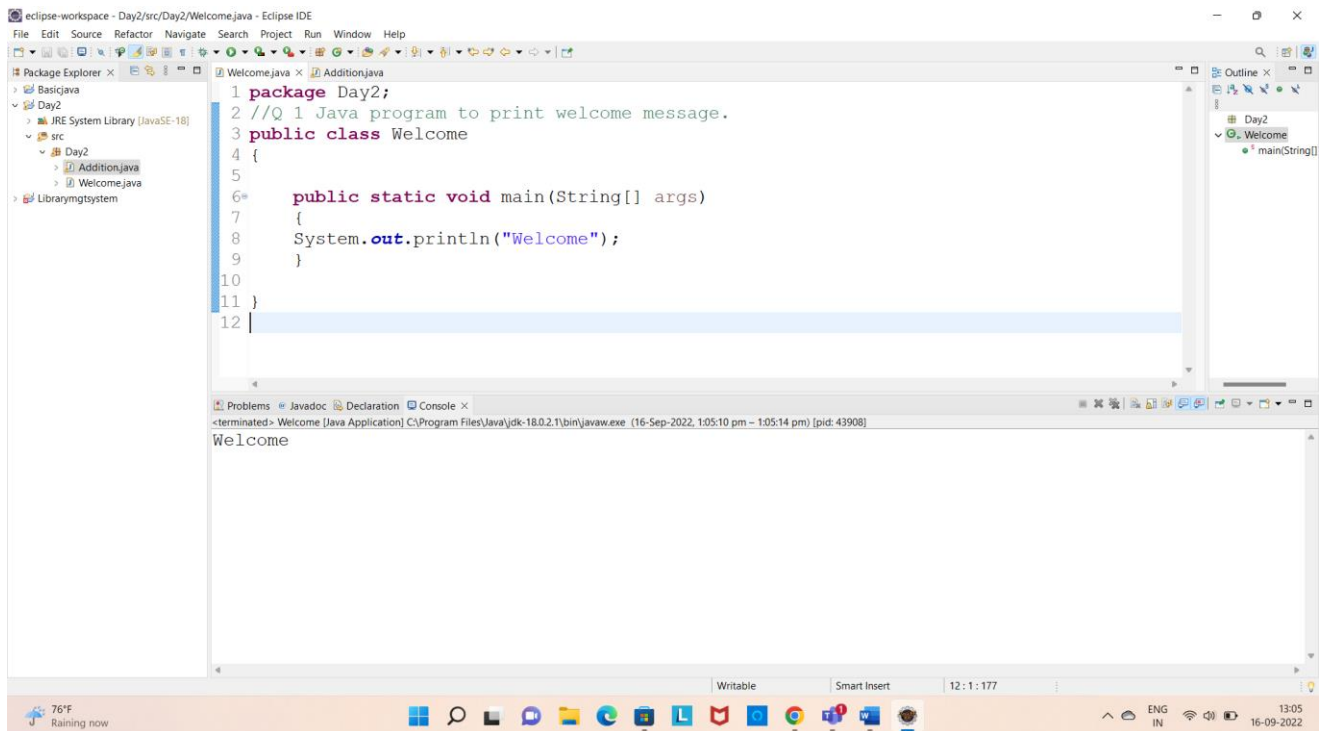
public static void main(String[] args)

 {

 System.out.println("Welcome");

 }

}



Q 2 Java program to print sum of three float numbers

package Day2;

//Q 2 Java program to print sum of three float numbers

import java.util.*;

public class Addition

{

public static void main(String[] args)

 {

 Scanner s=**new** Scanner(System.**in**);

float a,b,c;

 System.**out**.println("Enter the three float value to addition");

 a=s.nextFloat();

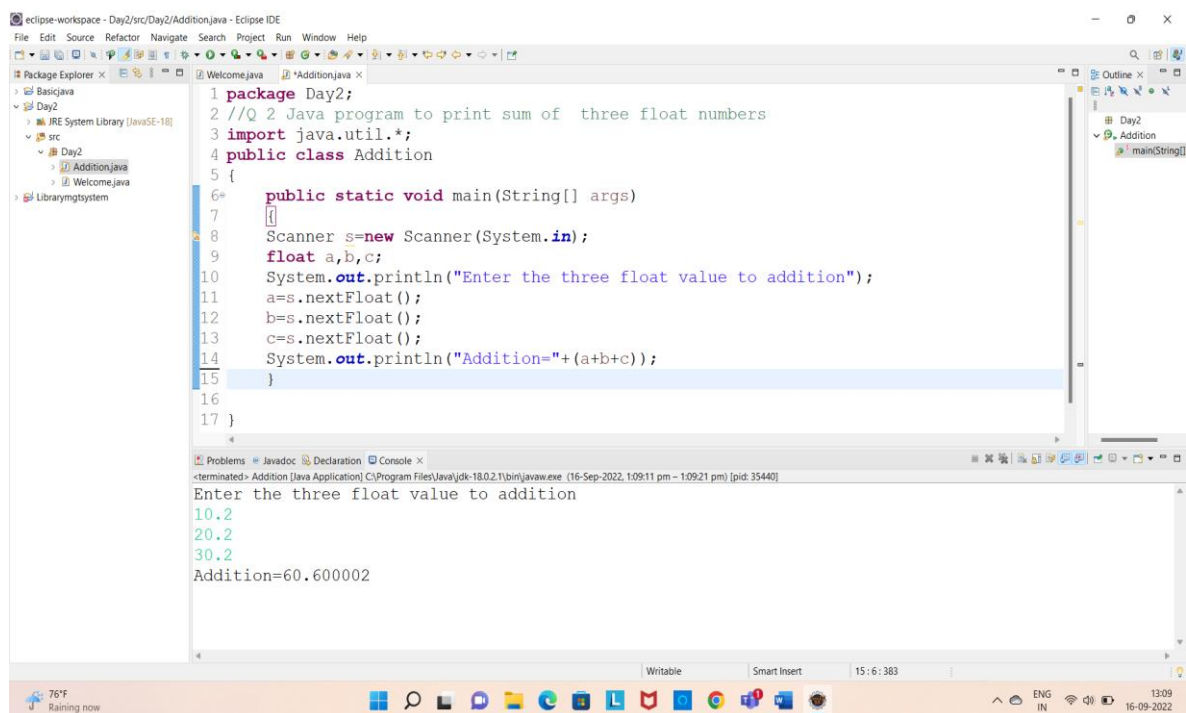
 b=s.nextFloat();

 c=s.nextFloat();

 System.**out**.println("Addition="+(a+b+c));

 }

}



```
1 package Day2;
2 //Q 2 Java program to print sum of three float numbers
3 import java.util.*;
4 public class Addition
5 {
6     public static void main(String[] args)
7     {
8         Scanner s=new Scanner(System.in);
9         float a,b,c;
10        System.out.println("Enter the three float value to addition");
11        a=s.nextFloat();
12        b=s.nextFloat();
13        c=s.nextFloat();
14        System.out.println("Addition="+(a+b+c));
15    }
16 }
17 }
```

Enter the three float value to addition

10.2

20.2

30.2

Addition=60.600002

Q 3 Java Program to Swap Two Numbers

```
package Day2;
```

```
//Q 3 Java Program to Swap Two Numbers
```

```
public class Swapping {
```

```
    public static void main(String[] args) {
```

```
        int x, y, t;
```

```
        x=10;
```

```
        y=20;
```

```
        t=x;
```

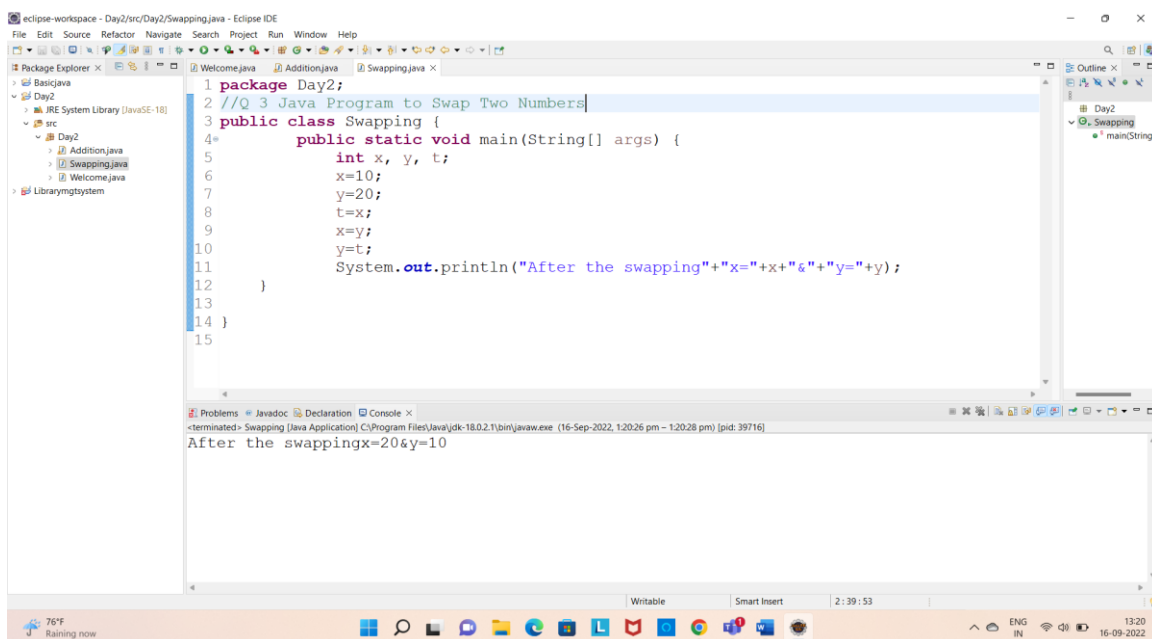
```
        x=y;
```

```
        y=t;
```

```
        System.out.println("After the swapping"+"x="+x+"&"+ "y="+y);
```

```
    }
```

```
}
```



Q 4 Wap to check if number is even or odd

package Day2;

//Q 4 Wap to check if number is even or odd

import java.util.Scanner;

public class Evenorodd {

public static void main(String[] args) {

 Scanner x=**new** Scanner(System.**in**);

 System.**out**.println("Enter the value of a");

int a=x.nextInt();

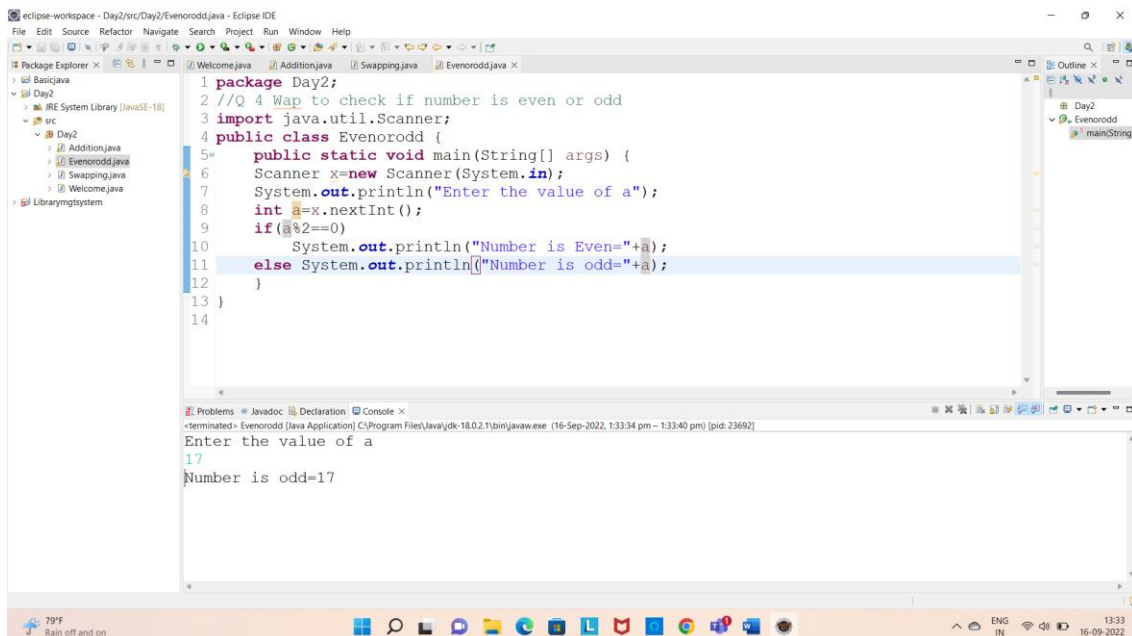
if(a%2==0)

 System.**out**.println("Number is Even="+a);

else System.**out**.println("Number is odd="+a);

 }

}



```
1 package Day2;
2 //Q 4 Wap to check if number is even or odd
3 import java.util.Scanner;
4 public class Evenorodd {
5     public static void main(String[] args) {
6         Scanner x=new Scanner(System.in);
7         System.out.println("Enter the value of a");
8         int a=x.nextInt();
9         if(a%2==0)
10             System.out.println("Number is Even="+a);
11         else System.out.println("Number is odd="+a);
12     }
13 }
14
```

Enter the value of a
17
Number is odd=17

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 .

Q 6. No Question

Q 7. wap to check if sales of a person is greater than 10000 then eligible for bonus else not eligible calculate bonus as 20% of sales .

```
package Day2;
```

```
/*Q 7 wap to check if sales of a person is greater than 10000 then eligible for bonus  
else not eligible calculate bonus as 20% of sales*/
```

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

```
public class ifelse {
```

```
    public static void main(String[] args) {
```

```
        Scanner s=new Scanner(System.in);
```

```
        System.out.println("Enter the sale amount :");
```

```
        int sale=s.nextInt();
```

```
        if(10000<sale) {
```

```
            System.out.println("You are eligible to bonus");
```

```
            int bonus=(sale/100)*20;
```

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

```
        }
```

```
        else {
```

```
            System.out.println("you are not eligible to bonus");
```

```
        }
```

```
    }
```

```
}
```

```
1 package Day2;
2 /*Q 7 wap to check if sales of a person is greater than 10000 then eligible for bonus
3 else not eligible calculate bonus as 20% of sales*/
4 import java.util.Scanner;
5 public class ifelse {
6     public static void main(String[] args) {
7         Scanner s=new Scanner(System.in);
8         System.out.println("Enter the sale amount :");
9         int sale=s.nextInt();
10        if(10000<sale) {
11            System.out.println("You are eligible to bonus");
12            int bonus=(sale/100)*20;
13            System.out.println("bonus:"+bonus);
14        }
15        else {
16            System.out.println("you are not eligible to bonus");
17        }
18    }
19 }
20
```

Problems Javadoc Declaration Console x
<terminated> ifelse [Java Application] C:\Program Files\Java\jdk-18.0.2.1\bin\javaw.exe (16-Sep-2022, 9:11:27 pm - 9:11:40 pm) [pid: 40068]
Enter the sale amount :
10200
You are eligible to bonus
bonus:2040

Q 8 wap to check if two given integer value is in range of 18 and 100 print eligible for voting else not eligible .

package Day2;

//Q 8 wap to check if two given integer value is in range of 18 and 100 print eligible for voting else not eligible

import java.util.Scanner;

public class Voting_age {

public static void main(String[] args) {

 Scanner A=new Scanner(System.in);

 System.out.println("Enter the your age:");

int age=A.nextInt();

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

if(18<age&&100>age)

 System.out.println("Eligible for Voting");

else

 System.out.println("Not eligible for Voting");

 }

}

```
1 package Day2;
2 //Q 8 wap to check if two given integer value is in range of 18 and 100 print eligible for voting else not eligible
3 import java.util.Scanner;
4 public class Voting_age {
5     public static void main(String[] args) {
6         Scanner A=new Scanner(System.in);
7         System.out.println("Enter the your age:");
8         int age=A.nextInt();
9         System.out.println("age:"+age);
10        if (18<age&&100>age)
11            System.out.println("Eligible for Voting");
12        else
13            System.out.println("Not eligible for Voting");
14        }
15    }
16 }
```

Problems Javadoc Declaration Console x

<terminated> Voting_age [Java Application] C:\Program Files\Java\jdk-18.0.2.1\bin\javaw.exe (16-Sep-2022, 9:21:46 pm - 9:21:53 pm) [pid: 19096]

Enter the your age:
17
age:17
Not eligible for Voting

Q 9 wap to print average of given five subjects marks of student and check if average ≥ 40 print Pass else print fail

package Day2;

//Q 9 wap to print average of given five subjects marks of student and check if average ≥ 40 print Pass else print fail

import java.util.Scanner;

public class averageof_fivesubject {

public static void main(String[] args) {

 Scanner x=new Scanner(System.in);

int S1,S2,S3,S4,S5;

 System.out.println("Enter mark of five subjects");

 System.out.println("S1:");

 S1=x.nextInt();

 System.out.println("S2:");

 S2=x.nextInt();

 System.out.println("S3:");

 S3=x.nextInt();

 System.out.println("S4:");

 S4=x.nextInt();


```

        System.out.println("S5:");
        S5=x.nextInt();
        double avg=(S1+S2+S3+S4+S5)/5;
        System.out.println("Average:"+avg);

        if(avg>=40) System.out.println("Pass");
        else System.out.println("Fail");
    }
}

```

The screenshot shows an IDE with a Java file named 'Day2.java'. The code calculates the average of five subjects (S1 to S5) and prints 'Pass' if the average is greater than or equal to 40, otherwise 'Fail'. The console output shows the user inputting marks for five subjects (25, 56, 89, 38, 59) and the resulting average (53.0) and 'Pass' status.

```

1 package Day2;
2 //Q 9 wap to print average of given five subjects marks of student and check if average >=40 print Pass else print fail
3 import java.util.Scanner;
4 public class averageof_fivesubject {
5     public static void main(String[] args) {
6         Scanner x=new Scanner(System.in);
7         int S1,S2,S3,S4,S5;
8         System.out.println("Enter mark of five subjects");
9         System.out.println("S1:");
10        S1=x.nextInt();
11        System.out.println("S2:");
12        S2=x.nextInt();
13        System.out.println("S3:");
14        S3=x.nextInt();
15        System.out.println("S4:");
16        S4=x.nextInt();
17        System.out.println("S5:");
18        S5=x.nextInt();
19        double avg=(S1+S2+S3+S4+S5)/5;
20        System.out.println("Average:"+avg);
21    }
22 }

```

Console Output:

```

Enter mark of five subjects
S1:
25
S2:
56
S3:
89
S4:
38
S5:
59
Average:53.0
Pass

```

Q10 WAP to ask name ,age and salary of an employee and print on console.

```

package Day2;

//Q10 WAP to ask name ,age and salary of an employee and print on console.

import java.util.Scanner;

public class print_EmpDetails {

    public static void main(String[] args) {

        Scanner X=new Scanner(System.in);

        System.out.println("Enter your Name, Age and Salary");

        String name=X.nextLine();

        int age=X.nextInt();
    }
}

```

```

    double salary=X.nextDouble();

    System.out.println("Name:"+name);

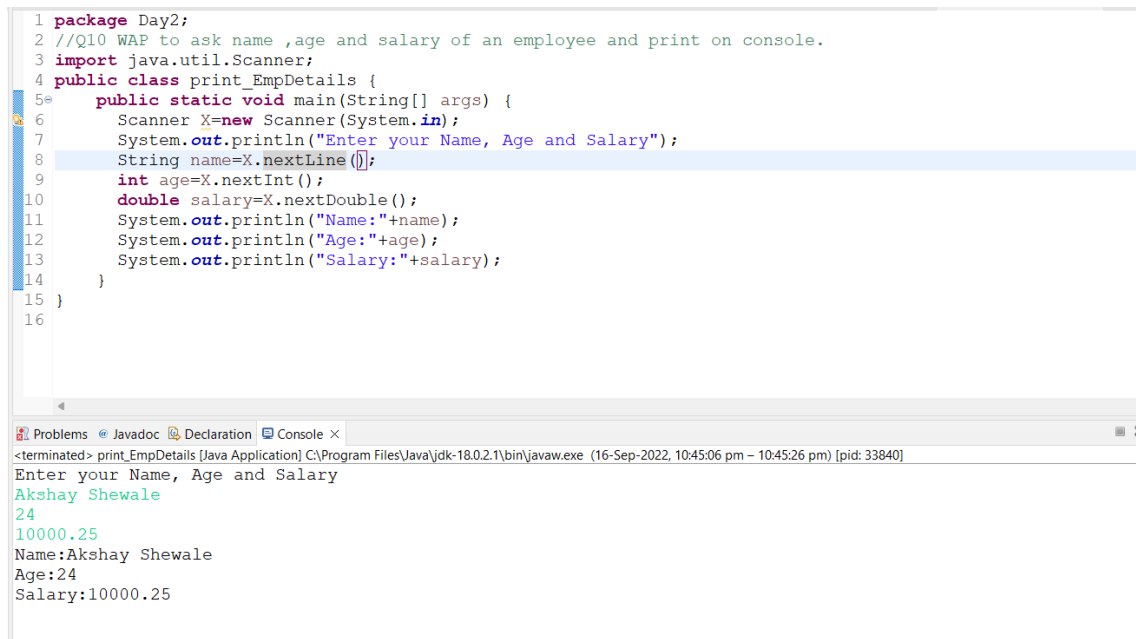
    System.out.println("Age:"+age);

    System.out.println("Salary:"+salary);

    }

}

```



```

1 package Day2;
2 //Q10 WAP to ask name ,age and salary of an employee and print on console.
3 import java.util.Scanner;
4 public class print_EmpDetails {
5     public static void main(String[] args) {
6         Scanner X=new Scanner(System.in);
7         System.out.println("Enter your Name, Age and Salary");
8         String name=X.nextLine();
9         int age=X.nextInt();
10        double salary=X.nextDouble();
11        System.out.println("Name:"+name);
12        System.out.println("Age:"+age);
13        System.out.println("Salary:"+salary);
14    }
15 }
16

```

Problems Javadoc Declaration Console x

<terminated> print_EmpDetails [Java Application] C:\Program Files\Java\jdk-18.0.2.1\bin\javaw.exe (16-Sep-2022, 10:45:06 pm - 10:45:26 pm) [pid: 33840]

Enter your Name, Age and Salary

Akshay Shewale

24

10000.25

Name:Akshay Shewale

Age:24

Salary:10000.25

Q 11 wap that ask two numbers from user and print greater number among two

```
package Day2;
```

```
//Q 11 wap that ask two numbers from user and print greater number among two
```

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

```
public class Greater_number {
```

```
    public static void main(String[] args) {
```

```
        Scanner A=new Scanner(System.in);
```

```
        int X,Y;
```

```
        System.out.println("Enter the value of X & Y:");
```

```
        X=A.nextInt();
```

```
        Y=A.nextInt();
```

```
        //In X and Y has greater value
```

```

        if(X>Y) System.out.println("X="+X+" is Greater");
        else   System.out.println("Y="+Y+" is Greater");
    }
}

```

The screenshot shows an IDE with a Java file named 'Greater_number.java'. The code implements a program to find the greater of two numbers, X and Y. The console output shows the program running, prompting for input, receiving '25' for X and '50' for Y, and printing 'Y=50 is Greater'.

```

1 package Day2;
2 //Q 11 wap that ask two numbers from user and print greater number among two
3 import java.util.Scanner;
4 public class Greater_number {
5     public static void main(String[] args) {
6         Scanner A=new Scanner(System.in);
7         int X,Y;
8         System.out.println("Enter the value of X & Y:");
9         X=A.nextInt();
10        Y=A.nextInt();
11        //In X and Y has greater value
12        if(X>Y) System.out.println("X="+X+" is Greater");
13        else   System.out.println("Y="+Y+" is Greater");
14    }
15 }
16

```

Problems Javadoc Declaration Console ×

<terminated> Greater_number [Java Application] C:\Program Files\Java\jdk-18.0.2.1\bin\javaw.exe (16-Sep-2022, 11:01:51 pm – 11:02:02 pm) [pid: 37208]

Enter the value of X & Y:

25

50

Y=50 is Greater

Q 12 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.

```

package Day2;

/*Q 12 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*/

import java.util.Scanner;

public class Discount {

    public static void main(String[] args) {

        Scanner S=new Scanner(System.in);

```

```

System.out.println("Enter the product Name:");
String Pt=S.next();
System.out.println("Enter the product price:");
int price=S.nextInt();
if(price>2000) {
    System.out.println("Eligible to discount 10%");
    double d_price=price-((price/100)*10);
    System.out.println("Discounted Price:"+d_price);
}
else {
    System.out.println("Eligible to discount 7%");
    double d_price=price-((price/100)*7);
    System.out.println("Discounted Price:"+d_price);
}
}
}

```

```

1 package Day2;
2 /*Q 12 wap to ask product name and price of product from user and calculate discount i.e
3 if price > 2000 then discount is 10 percent of price
4 else discount is 7 % of price*/
5 import java.util.Scanner;
6 public class Discount {
7     public static void main(String[] args) {
8         Scanner S=new Scanner(System.in);
9         System.out.println("Enter the product Name:");
10        String Pt=S.next();
11        System.out.println("Enter the product price:");
12        int price=S.nextInt();
13        if(price>2000) {
14            System.out.println("Eligible to discount 10%");
15            double d_price=price-((price/100)*10);
16            System.out.println("Discounted Price:"+d_price);
17        }
18        else {
19            System.out.println("Eligible to discount 7%");
20            double d_price=price-((price/100)*7);
21            System.out.println("Discounted Price:"+d_price);
22        }
23    }
24 }
25

```

Problems @ Javadoc Declaration Console x

<terminated> Discount [Java Application] C:\Program Files\Java\jdk-18.0.2.1\bin\javaw.exe (16-Sep-2022, 11:17:00 pm - 11:17:23 pm) [pid: 31264]

Enter the product Name:
Laptop
Enter the product price:
55000
Eligible to discount 10%
Discounted Price:49500.0