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```
package Assignment;
```

```
//Q 1 Java program to print welcome message.
```

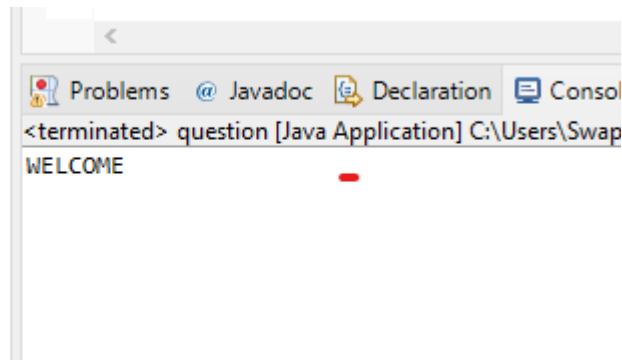
```
public class question {
```

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

```
        System.out.println("WELCOME");
```

```
    }
```

```
}
```



```
package Assignment;
```

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

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

```
public class question2 {
```

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

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

```
        float a;
```

```
        float b;
```

```
        float c;
```

```
        System.out.println("Enter 3 Float Number");
```

```
        a=s.nextFloat();
```

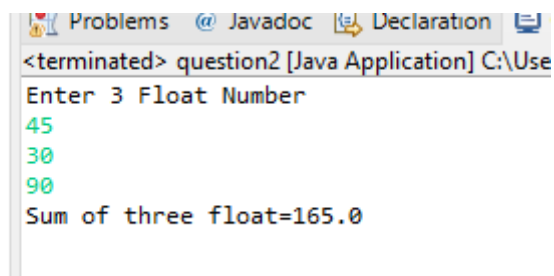
```
        b=s.nextFloat();
```

```
        c=s.nextFloat();
```

```
        System.out.println("Sum of three float="+ (a+b+c));
```

```
    }
```

```
}
```



```
<terminated> question2 [Java Application] C:\Use
Enter 3 Float Number
45
30
90
Sum of three float=165.0
```

```
package Assignment;
```

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

```
public class question3 {
```

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

```
        int a= 10;
```

```
        int b=20;
```

```
        int temp;
```

```
        System.out.println("before swapping a="+a+ "b="+ b);
```

```
        temp=a;
```

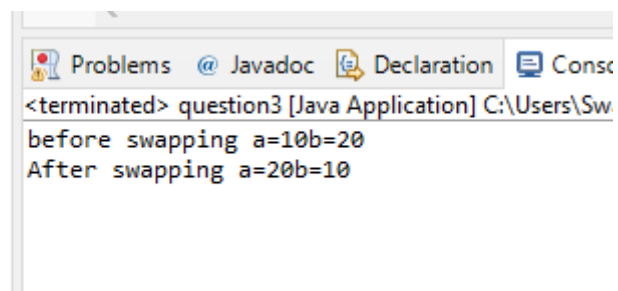
```
        a=b;
```

```
        b=temp;
```

```
        System.out.println("After swapping a="+a+ "b="+ b);
```

```
    }
```

```
}
```



The screenshot shows a Java IDE window with a tab labeled "question3 [Java Application] C:\Users\Sw". The console output displays the results of the program execution:

```
<terminated> question3 [Java Application] C:\Users\Sw
before swapping a=10b=20
After swapping a=20b=10
```

```
package Assignment;
```

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

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

```
public class question4 {
```

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

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

```
    System.out.println("Enter Number=");
```

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

```
    if(a%2==0)
```

```
    {
```

```
        System.out.println("Number is Even");
```

```
    }
```

```
    else
```

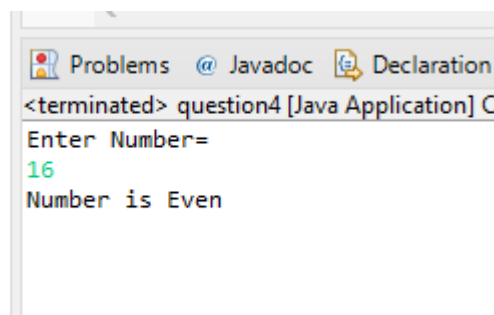
```
    {
```

```
        System.out.println("Number is Odd");
```

```
    }
```

```
}
```

```
}
```



**package** Assignment;

//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

**public class** question5 {

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

**int** a=36;

**int** b=30;

**int** c=65;

**if**(a>=20 && (a<b && a<c))

{

System.*out*.println(" Condition is true ");

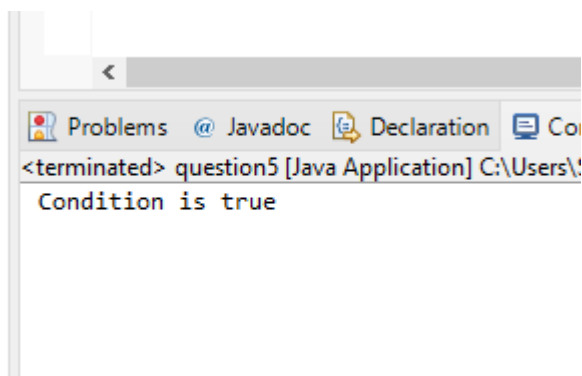
}

**else**

System.*out*.println("condition is fails");

}

}



```
package Assignment;
```

//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 question6 {
```

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

```
    {
```

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

```
        System.out.println("Enter Sales Amount");
```

```
        float sales =s.nextFloat();
```

```
        float bonus;
```

```
        if(sales>10000)
```

```
        {
```

```
            System.out.println("sales Amount" + sales);
```

```
            bonus=sales/5;
```

```
            System.out.println("Eligible for bonus");
```

```
            System.out.println("Your bouns is" +bonus);
```

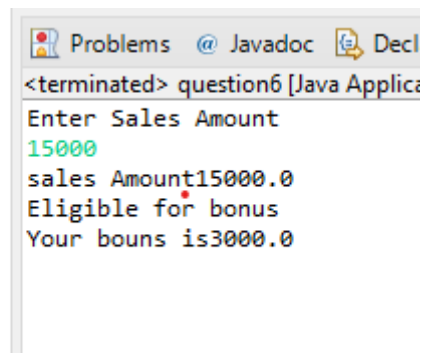
```
        }
```

```
        else
```

```
            System.out.println("Not Eligible for bouns")
```

```
    }
```

```
}
```



```
Problems @ Javadoc Decl
<terminated> question6 [Java Applic
Enter Sales Amount
15000
sales Amount15000.0
Eligible for bonus
Your bouns is3000.0
```

```
package Assignment;
```

//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 question8 {
```

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

```
    {
```

```
        System.out.println("Enter age");
```

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

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

```
        if(age>=18 && age<=100)
```

```
        {
```

```
            System.out.println("you are Eligibel for Voting") ;
```

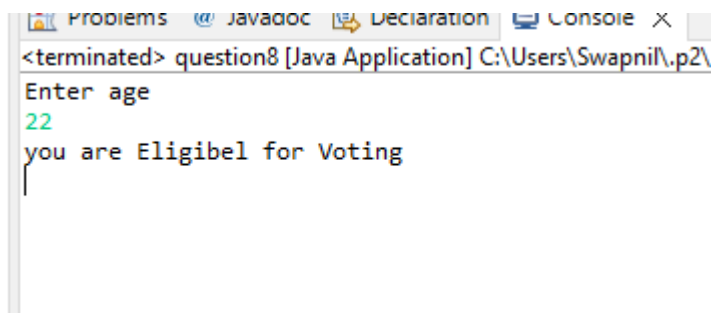
```
        }
```

```
        else
```

```
            System.out.println("you are Not Eligibel for voting");
```

```
    }
```

```
}
```



```
Problems Javadoc Declaration Console X
<terminated> question8 [Java Application] C:\Users\Swapnil\p2\
Enter age
22
you are Eligibel for Voting
```

**package** Assignment;

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

**import** java.util.Scanner;

**public class** question9 {

**public static void** main(String[] args)

    {

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

        System.*out*.println("Enter Maths marks");

**int** maths=s.nextInt();

        System.*out*.println("Enter English marks");

**int** Eng=s.nextInt();

        System.*out*.println("Enter Hinidi marks");

**int** Hindi=s.nextInt();

        System.*out*.println("Enter Marathi marks");

**int** Marathi=s.nextInt();

**int** avg=((maths+Eng+Hindi+Marathi)/4);

        System.*out*.println(avg);

**if** (avg $\geq$ 40)

        {

            System.*out*.println("Pass");

        }

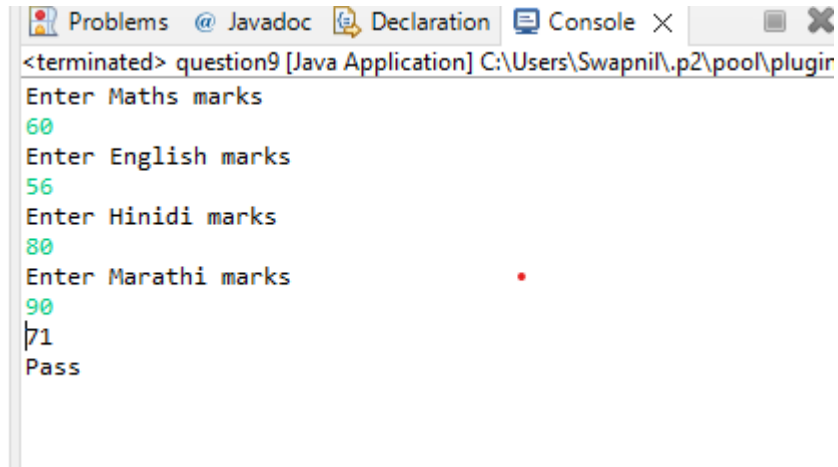
**else**

            System.*out*.println("fail");



}

}



The screenshot shows an IDE console window with the following tabs: Problems, Javadoc, Declaration, and Console. The console output is as follows:

```
<terminated> question9 [Java Application] C:\Users\Swapnil\p2\pool\plugin
Enter Maths marks
60
Enter English marks
56
Enter Hinidi marks
80
Enter Marathi marks
90
71
Pass
```

A red dot is visible next to the line "Enter Marathi marks".

```
package Assignment;
```

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

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

```
public class question10 {
```

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

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

```
        System.out.println("Enter Your Name");
```

```
        String name=s.next();
```

```
        System.out.println("Enter your age ");
```

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

```
        System.out.println("Enter Salary");
```

```
        float Salary=s.nextFloat();
```

```
        System.out.println("Employee information");
```

```
        System.out.println("Employee Name =" + name);
```

```
        System.out.println("Employee age =" + age);
```

```
        System.out.println("Employee Salary=" + Salary);
```

```
    }
```

```
}
```

```
<terminated> question10 [Java Application] C:\Users\Swap  
Enter Your Name  
Swapnil  
Enter your age  
22  
Enter Salary  
50000  
Employee information  
Employee Name =Swapnil  
Employee age =22  
Employee Salary=50000.0
```

```
package Assignment;
```

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

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

```
public class question11 {
```

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

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

```
        System.out.println("Enter first number");
```

```
        float number1=s.nextFloat();
```

```
        System.out.println("Enter Second number");
```

```
        float number2=s.nextFloat();
```

```
        if(number1>number2)
```

```
        {
```

```
            System.out.println("Greater Number is" + number1);
```

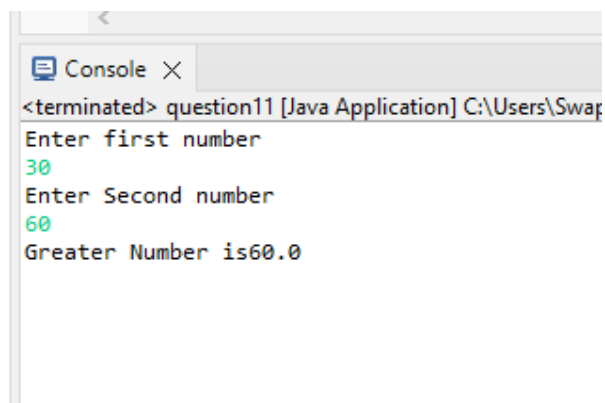
```
        }
```

```
        if(number1<number2);
```

```
        System.out.println("Greater Number is" + number2);
```

```
        }
```

```
    }
```



```
Console X
<terminated> question11 [Java Application] C:\Users\Swag
Enter first number
30
Enter Second number
60
Greater Number is60.0
```

**package** Assignment;

//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

**import** java.util.Scanner;

**public class** question12 {

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

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

        System.*out*.println("Enter Product Name");

        String name=s.nextLine();

        System.*out*.println("Enter Product Price");

**float** price=s.nextFloat();

**if**(price>=2000)

        {

**float** Discount= price\*.10f;

            System.*out*.println("Discount is of =" + Discount);

            System.*out*.println("Price of product is with include discount=" + (price-Discount));

        }

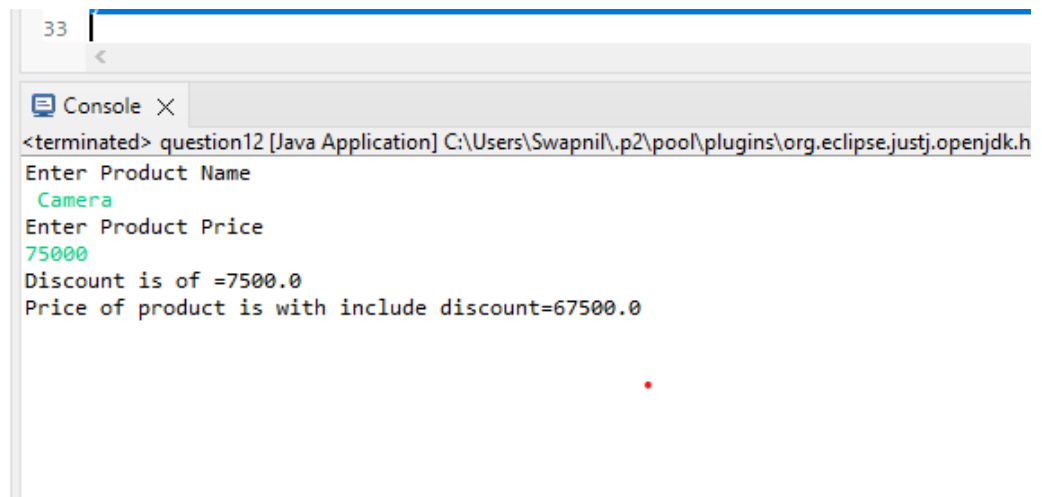
**else**

        {

**float** Discount= price\*.07f;

            System.*out*.println("Discount is of =" + Discount);

```
        System.out.println("Price of product is with include discount="+  
(price-Discout));  
    }  
  
}  
  
}
```



```
33 |  
|<  
| Console X  
|<terminated> question12 [Java Application] C:\Users\Swapnil\.p2\pool\plugins\org.eclipse.justj.openjdk.h  
|Enter Product Name  
|Camera  
|Enter Product Price  
|75000  
|Discount is of =7500.0  
|Price of product is with include discount=67500.0  
|  
|
```