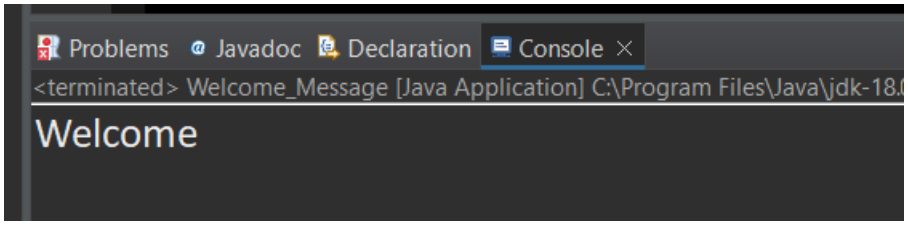
//Question 1. Java program to print welcome message.

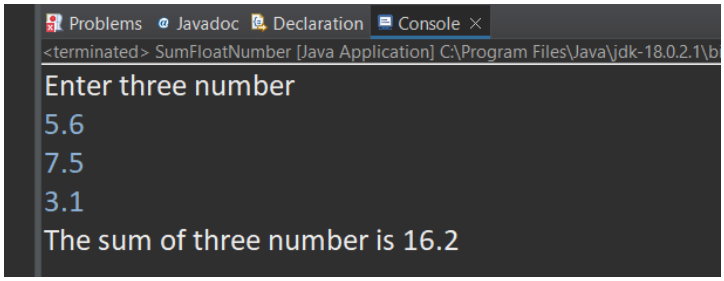
```
package Lab1;

public class Welcome_Message {

	public static void main(String[] args) {
		System.out.println("Welcome");

	}
}
```



// Question 2. Java program to print sum of three float numbers

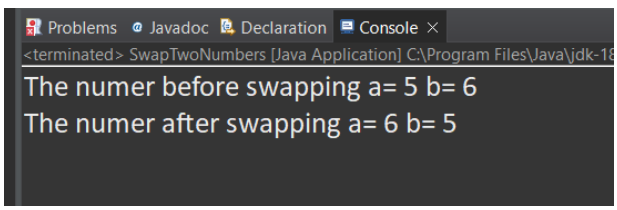
```
package Lab1;

import java.util.Scanner;

public class SumFloatNumber {

	public static void main(String[] args) {
		Scanner s= new Scanner(System.in);

		System.out.println("Enter three number ");
		float num1= s.nextFloat();
		float num2= s.nextFloat();
		float num3= s.nextFloat();
```

```
		float sum = num1+num2+num3;
		System.out.println("The sum of three number is " + sum);
		s.close();
	}

}
```



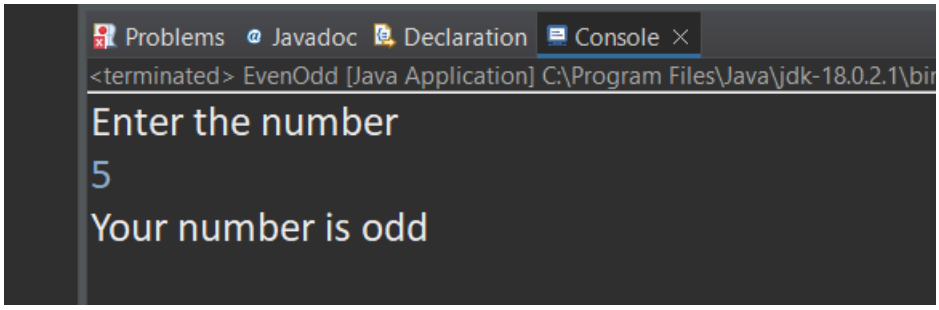
// Question 3. Java Program to Swap Two Numbers.

```
package Lab1;


public class SwapTwoNumbers {


	public static void main(String[] args) {
		byte a= 5,b=6;
		byte temp;
		System.out.println("The numer before swapping a= "+a+" b= "+b);
		temp=a;
		a=b;
		b=temp;
		System.out.println("The numer after swapping a= "+a+" b= "+b);
	}
}
```



// Question 4. Wap to check if number is even or odd

```
package Lab1;
import java.util.Scanner;
public class EvenOdd {

	public static void main(String[] args) {
		Scanner s= new Scanner(System.in);
		System.out.println("Enter the number ");
		int num= s.nextInt();
		if(num%2==0)
System.out.println("Your number is even");
		else
			System.out.println("Your number is odd");
		s.close();
	}

}
```

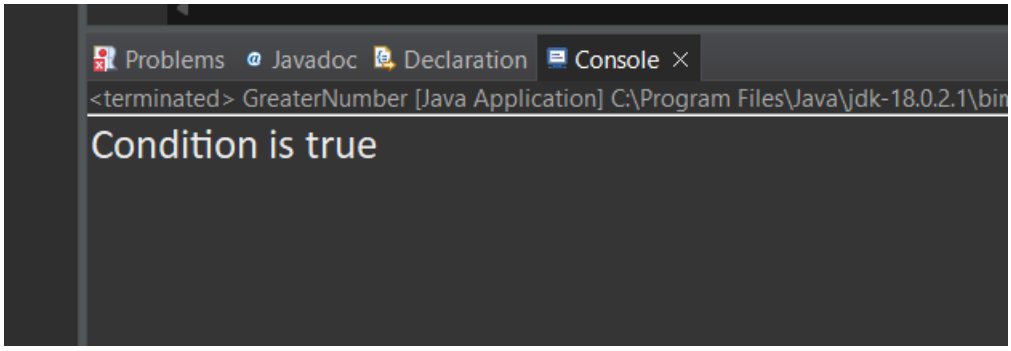


//Question 5. wap to check from three given number that whether a number is greater than or equal to 20 and less

//than other numbers .print appropriate message

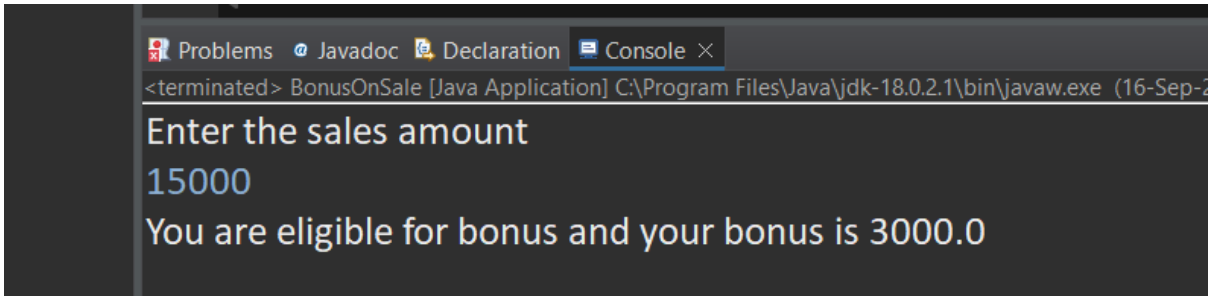
```
package Lab1;

public class GreaterNumber {

	public static void main(String[] args) {
		byte a = 35;
```

```
		byte b = 63;
		byte c = 55;
		if (a >= 20 && a < b && a < c)
			System.out.println("Condition is true");
		else
			System.out.println("Condiion is fail");

	}

}
```



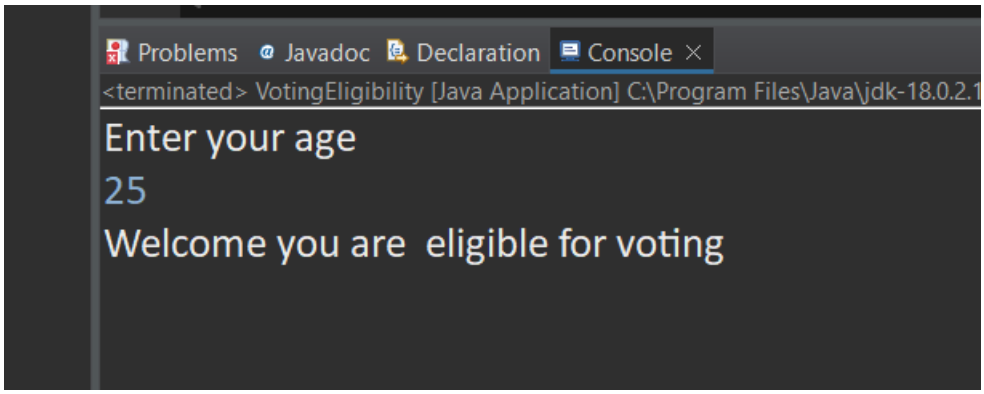

```
// Question 7. wap to check if sales of a person is greater than 10000 then eligible for bonus
//else not eligible calculate bonus as 20% of sales .
package Lab1;
import java.util.Scanner;
public class BonusOnSale {

	public static void main(String[] args) {
		Scanner sale= new Scanner(System.in);
		System.out.println("Enter the sales amount");
		int s=sale.nextInt();
		if (s>10000)
		{
			System.out.println("You are eligible for bonus and your bonus is " + (s*0.2));
		}
```

```
		else
			System.out.println("You are not eligible for bonus");
		sale.close();
	}

}
```



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

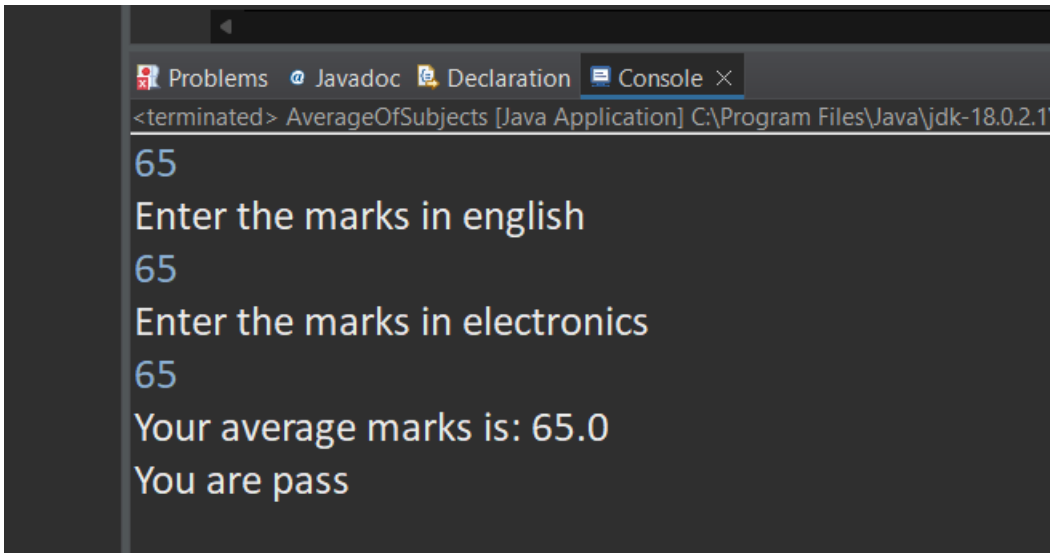
```
package Lab1;


import java.util.Scanner;


public class VotingEligibility {
	public static void main(String[] args) {
		Scanner s = new Scanner(System.in);
		System.out.println("Enter your age");
		int age = s.nextInt();
		if (age > 18 && age < 100)
			System.out.println("Welcome you are  eligible for voting");
		else {
			System.out.println("You are not eligible for voting");
		}
		s.close();
}
}
```



//Question 9. wap to print average of given five subjects marks of student and check if average >=40 print Pass else print fail

```
package Lab1;


import java.util.Scanner;


public class AverageOfSubjects {


	public static void main(String[] args) {
		Scanner s = new Scanner(System.in);


		System.out.println("Enter the marks in physics ");
		int physics = s.nextInt();
		System.out.println("Enter the marks in chemistry ");
		int chemistry = s.nextInt();
		System.out.println("Enter the marks in maths ");
		int maths = s.nextInt();
		System.out.println("Enter the marks in english ");
		int english = s.nextInt();
		System.out.println("Enter the marks in electronics ");
		int electronics = s.nextInt();
		float avg = ((float) physics + chemistry + maths + english + electronics) / 5;
```

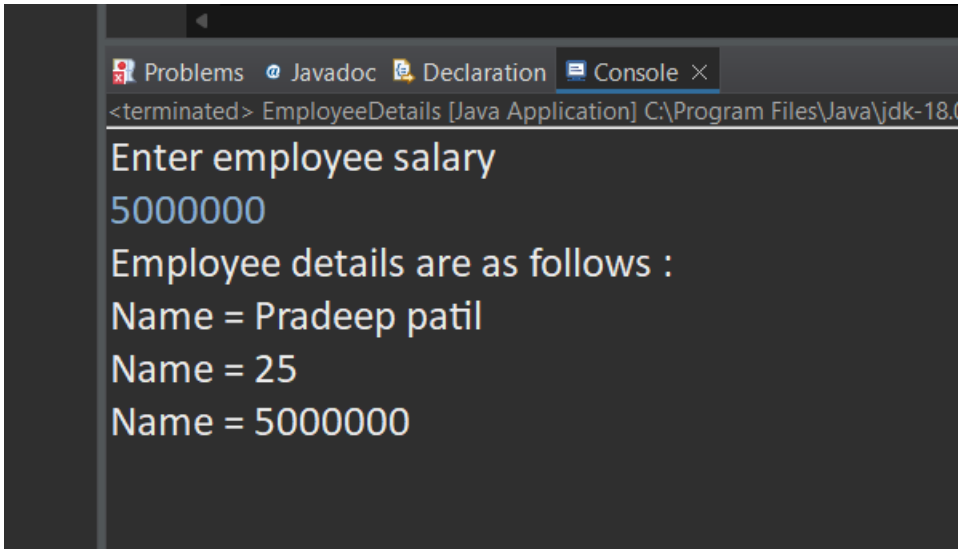
```
            System.out.println("Your average marks is: " +avg);
            if (avg >= 40.0)
            {
                  System.out.print("You are pass");
            }
            else
                  System.out.print("You are fail");
            s.close();

      }

}
```



//Question 10. WAP to ask name ,age and salary of an employee and print on console.

```
package Lab1;

import java.util.Scanner;

public class EmployeeDetails {

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

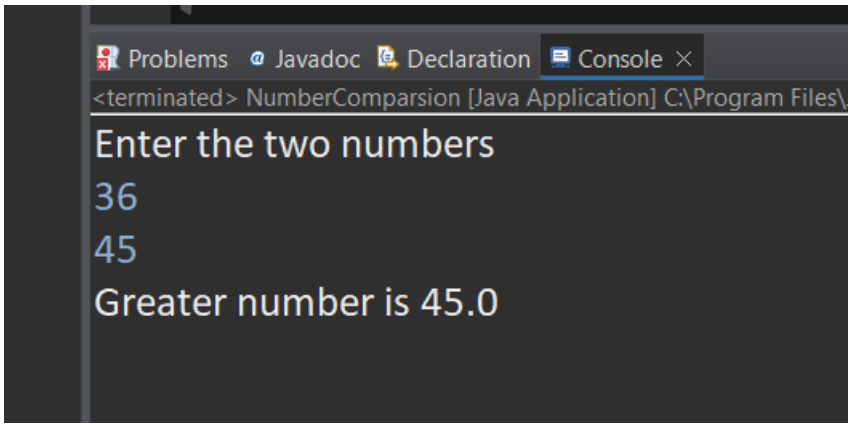
```
        Scanner s = new Scanner(System.in);
        System.out.println("Enter employee name");
        String name = s.nextLine();
        System.out.println("Enter employee age");
        byte age = s.nextByte();
        System.out.println("Enter employee salary");
        int salary = s.nextInt();
        System.out.println("Employee details are as follows :");
        System.out.println("Name = " + name );
        System.out.println("Name = " + age );
        System.out.println("Name = " + salary );
        s.close();
    }

}
```



//Question11. wap that ask two numbers from user and print greater number among two

```
package Lab1;
import java.util.Scanner;
public class NumberComparsion {

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

```
            Scanner s= new Scanner(System.in);
            System.out.println("Enter the two numbers ");
            float a=s.nextFloat();
            float b= s.nextFloat();
            if (a>b)
                  System.out.println("Greater number is " +a);
            else if(a<b)
                  System.out.println("Greater number is " +b);
            s.close();
      }

}
```



// Question 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 Lab1;

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  name = s.nextLine();
            System.out.println("Enter the price for product");
```

```
int price = s.nextInt();
if (price>2000)
{
        System.out.println("The item price for product "+name+ " is "+price);
float discount1 = (price*0.1f);
System.out.println("Discount=  " +discount1);
System.out.println("Final price after discount is "+(price-discount1));
}
else
{
float discount2 = (price*0.07f);
System.out.println("The price for "+name+ " is "+price);
System.out.println("Discount=  " +discount2);
System.out.println("Final price after discount is "+(price-discount2));
}
s.close();
}

}
```