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

```
package Day1;


public class welcome {


	public static void main(String[] args) {

		System.out.println("welcome");

	 }

}
```

Output:- welcome

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

```
package Day1;


public class sum {


	 public static void main(String[] args) {

	float a=5;

	float b=9;

	float c=10;

	float d=a+b+c;

	System.out.println(d);

	 }


}
```

OUTPUT:-24.0

//Q 3 Java Program to Swap Two Numbers.

```
package Day1;


public class swap {


	public static void main(String[] args) {

		int x=20;

		int y=30;

	System.out.println("Before swapping x="+ x +"y="+y);

	int temp;

	temp=x;

	x=y;

	y=temp;

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


	}


}
```

OUTPUT:-Before swapping x=20y=30

After swapping x=30y=20

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

```
 package Day1;


public class evenodd {


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

```
		int num=45;
		if(num%2==0)
			System.out.println("Number is even");
		else
			System.out.println("Number is odd");
	}
}
```

OUTPUT:-Number is odd

//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 .

```
package Day1;

public class greaternum {

	public static void main(String[] args) {
		int a=25;
		int b=30;
		int c=15;
		if (a>=20 && (a<b && a<c))
			System.out.println("Condition is true");
		else
			System.out.println("Condition is false");

	}

}
```

OUTPUT:- Condition is false

//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 Day1;


public class sales {


	public static void main(String[] args){
	 int sales=45000;
	 float bonus;
	 if (sales>10000)
	 {
		System.out.println("Eligible for bonus");
	     bonus=45000*.2f;
	     System.out.println(bonus);
	 }
	 else
		System.out.println("Not eligible for bonus");


	}


}
```

OUTPUT:- Eligible for bonus

9000.0

//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 Day1;


public class voter {


	public static void main(String[] args) {

		int age=27;

		if (age>18 && age<100)

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

		else

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

	}

}
```

OUTPUT:- 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 Day1;


public class average {


	public static void main(String[] args) {


	float a=87;

	float b=79;

	float c=65;

	float d=58;

	float e=72;

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

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

}
```

OUTPUT:- 72.2

Pass

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

```
package Day1;
import java.util.Scanner;
public class employee {

      public static void main(String[] args)
 {
             String name;
             int age;
             double salary;
             Scanner s=new Scanner(System.in);
             System.out.println("Enter your name");
             name=s.nextLine();
             System.out.println("Enter your age");
             age=s.nextInt();
             System.out.println("Enter your salary");
             salary=s.nextDouble();
```

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


}
```

```
OUTPUT:- Enter your name
         Vaishali Lahoria
         Enter your age
         27
         Enter your salary
         50000
         Vaishali Lahoria 27 50000.0
```

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

```
package Day1;


import  java.util.Scanner;
public class largernumber {


       public static void main(String[] args) {
      int x,y;
      Scanner s=new Scanner(System.in);
      System.out.println("Enter the first number");
      x=s.nextInt();
      System.out.println("Enter the second number");
      y=s.nextInt();
      if (x>y)
         System.out.println("x is greater");
```

```
      else
         System.out.println("y is greater");
       }

}
```

OUTPUT:-

```
Enter the first number
45
Enter the second number
62
y 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 Day1;
import java.util.Scanner;
public class discount {
      public static void main(String[] args)
 {
              String name;
             float price;
             float discount;
             Scanner s=new Scanner(System.in);
             System.out.println("Enter the name of the product");
             name=s.nextLine();
             System.out.println("Enter the price of product");
             price=s.nextFloat();
             if (price>2000)
```

```
		{
			System.out.println("Discount is 10% of the price");
		discount=price-(price*10/100);
		System.out.println(discount);
		}
		else
			System.out.println("Discount is 7% of the price");
	}
}
OUTPUT:-Enter the name of the product
	oneplusmobile
	Enter the price of product
	60000
	Discount is 10% of the price
	54000.0
```