Q 1 Java program to print welcome message.

```
package Assignment;

//Q 1 Java program to print welcome message.


public class Q1 {

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

	}

}
```

Outpute:-

```
Welcome
```

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

```
package Assignment;

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

public class Q2 {

	public static void main(String[] args) {
		float a=3.16f;
		float b=4.22f;
		float c=5.92f;
		float d;
		d=a+b+c;
		System.out.print("Sum = " + d);

	}

}
```

Outpute:-

```
Sum = 13.3
```

Q 3 Java Program to Swap Two Numbers.

```
package Assignment;

//Q 3 Java Program to Swap Two Numbers

public class Q3 {

	public static void main(String[] args) {
		int a=10;
		int b=20;
		int temp;
		System.out.println("Before swap a="+a +" b=" +b);
		temp=a;
		a=b;
		b=temp;
		System.out.println("After swap a="+a +" b="+b);
	}

}
```

Outpute:-

```
Before swap a=10 b=20
After swap a=20 b=10
```

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

```
package Assignment;

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

import java.util.Scanner;
public class Q4 {

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

		s.close();
	}

}
```

Outpute:-

```
Enter the number to check even or odd.
2131
It is a odd number
```

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 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 Q5 {

	public static void main(String[] args) {
		int a=30;
		int b=40;
		int c=50;
		System.out.println("Given numbers are a="+a +" b="+b +" c="+c);
		if(a>=20 && a<b && a<c) {
			System.out.println("given number a is greater than 20 and
less than other number");
		}
		else {
			System.out.println("Given number is not greater than 20
and not less than other number");
		}

	}

}
```

Outpute:-

```
Given numbers are a=30 b=40 c=50
given number a is greater than 20 and less than other number
```

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 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 .

public class Q7 {

	public static void main(String[] args) {
		int sales=25000;
		float bonus;
		if(sales>10000){
			bonus=0.2f*sales;
			System.out.println("Eligible for bonus and bonus is
"+bonus);
		}
		else {
			System.out.println("Sale is less than 10000, not eligible
for bonus.");
		}

	}

}
```

Outpute:-

```
Eligible for bonus and bonus is 5000.0
```

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 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 .

public class Q8 {

	public static void main(String[] args) {
		int age1=30;
		int age2=15;

		System.out.println("Age1="+age1 +" Age2="+age2);

		if(age1>=18 && age1<=100) {
			System.out.println("Age1 is eligible for voting.");
		}
		else {
			System.out.println("Age1 is not eligible for voting.");
		}
		if(age2>=18 && age2<=100) {
```

```
                System.out.println("Age2 is eligible for voting.");
            }
            else {
                System.out.println("Age2 is not eligible for voting.");
            }

      }

}
```

Outpute:-

```
Age1=30 Age2=15
Age1 is eligible for voting.
Age2 is 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 Assignment;

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

public class Q9 {

      public static void main(String[] args) {
            int sub1=40;
            int sub2=30;
            int sub3=40;
            int sub4=50;
            int sub5=55;
            int avg;
            avg=(sub1+sub2+sub3+sub4+sub5)/5;
            System.out.println(" Sub1="+sub1 +" Sub2="+sub2 +" Sub3="+sub3
+" Sub4="+sub4 +" Sub5="+sub5);
            System.out.println("Average is "+avg);
            if(avg>=40) {
                System.out.println("Result is pass");
            }
            else{
                System.out.println("Result is fail");
                }


      }

}
```

Outpute:-

```
Sub1=40 Sub2=30 Sub3=40 Sub4=50 Sub5=55
Average is 43
Result is pass
```

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

```
package Assignment;

//Q10 WAP to ask name ,age and salary of an employee and print on console.
import java.util.Scanner;
public class Q10 {

	public static void main(String[] args) {
		String name;
		int age;
		float salary;
		Scanner s=new Scanner(System.in);

		System.out.println("Enter name of employee");
		name =s.next();

		System.out.println("Enter age of employee");
		age =s.nextInt();

		System.out.println("Enter salary of employee");
		salary =s.nextFloat();

		System.out.println("Name ="+name +" Age ="+age +" Salary
="+salary);

		s.close();
	}

}
```

Outpute:-

```
Enter name of employee
swapnil
Enter age of employee
27
Enter salary of employee
30000
Name =swapnil Age =27 Salary =30000.0
```

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

```
package Assignment;

//Q 11 wap  that ask two numbers from user and print greater number among
import java.util.Scanner;
public class Q11 {

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

```
		System.out.println("Enter two numbers");
		a=s.nextInt();
		b=s.nextInt();

		if(a>b) {
			System.out.println("Greter number is a="+a);
		}
		else {
			System.out.println("Greater number is b="+b);
		}
		s.close();


	}

}
```

Outpute:-

```
Enter two numbers
10
30
Greater number is b=30
```

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 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 price
//else discount is 7 % of price

import java.util.Scanner;
public class Q12 {

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

		System.out.println("Enter the product name");
		name=s.next();
		System.out.println("Enter the product price");
		price=s.nextFloat();

		if(price>2000) {
			discount=0.1f*price;
			System.out.println("Total Discount is 10% ="+discount);
		}
		else {
			discount=0.07f*price;
			System.out.println("Total Discount is 7% ="+discount);
```

```
            }
            s.close();

      }

}
```

Outpute:-

```
Enter the product name
Sugar
Enter the product price
2500
Total Discount is 10% =250.0
```