Q1 java pgrogram to print welcome message.

```
   package day2_1;

public class start2 {

      public static void main(String[] args) {

            System.out.println("Welcome");

      }

}
```

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Q2. java pgrogram to print sum of three float numbers

```
   package day2_1;

public class Add {

public static void main(String[] args) {

            float a=10.20f;
            float b=10.30f;
            float c=10.50f;

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

      }


}
```

==========

Q 3 Java Program to Swap Two Numbers

```
  package day2_1;

import java.util.Scanner;

public class swapping {

      public static void main(String[] args) {
            int a,b,temp;

            System.out.println("Enter two no");
            Scanner s = new Scanner(System.in);

             a=s.nextInt();
            b=s.nextInt();
            System.out.print("Given value before swapping :- "  );
            System.out.println(" a = "+a +"  b = "+b  );

             temp=a;
            a=b;
            b=temp;

            System.out.print("Given value after swapping :- "  );
```

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

==========

Q 4 Wap to check if number is even or odd

```
  package day2_1;

public class eve_odd {

      public static void main(String[] args) {


            int a = 10;


             if(a % 2 == 0)
           {
             System.out.println("The given no is even no");
           }

            else
            {
              System.out.println("The given no is odd no"); }
      }

}
```

==========

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 day2_1;
import java.util.Scanner;
public class Q5 {

      public static void main(String[] args) {

            double n1 = 10, n2 = 20, n3 = 15;

            if( n1 >= n2 && n1 >= n3)
            System.out.println(n1+" is the largest number.");

            else if (n2 >= n1 && n2 >= n3)

                  System.out.println(n2 + "is the largest number.");

            else

                  System.out.println(n3 + " is the largest number.");
      }

}
```

==========
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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_1;

import java.util.Scanner;

public class sales {

	public static void main(String[] args) {
		float sales,bonus;
		int bper = 20;
		System.out.println("Enter the sales");

		Scanner r=new Scanner (System.in);
		sales=r.nextInt();

		if(sales<10000)
		{
		bonus =((sales* bper)/100);
		System.out.println("bonus of salesman is "+bonus);
		}
		else
			System.out.println("you are eligible for bonus  ");


	}

}
```

==========
==========

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_1;

```
import java.util.Scanner;

public class voting {

	public static void main(String[] args) {
		int age;
		System.out.println("Enter you age");
		Scanner r= new Scanner (System.in);
		age=r.nextInt();
	    if (age >=18)
		 {
		System.out.println("you are alloed");
		 }
	    else
		   System.out.println("not allowed");
	}
```

```
}
```

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_1;

public class Average {

	public static void main(String[] args) {
		  int a=35,b=20,c=30,d=25,e=40;

		int Average=((a+b+c+d+e)/5);
		if(Average>=40)
		  System.out.println("The result is pass");

		else
		  System.out.println("The result is fail");
	}
}
```

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

```
package day2_1;

import java.util.Scanner;
public class Employee {

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

		System.out.println("enter name age and salary of an employee");
		name= r.nextLine();
		age=  r.nextInt();
		salary=r.nextFloat();

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


	}

}
```

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

```
package day2_1;
import java.util.Scanner;
public class max_num {

	public static void main(String[] args) {
		System.out.println("Enter the number");
		System.out.println("Enter the num1");
		System.out.println("Enter the num2");


		 int num1;
		int num2;
		Scanner r= new Scanner(System.in);

		num1=r.nextInt();
		num2=r.nextInt();
		 if(num1>num2)
		{
		   System.out.println("num1 is maximum");
		}

		 else
		 {
		   System.out.println("num2 is maximum"); }
	}

	}
```

==========

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_1;

import java.util.Scanner;

public class Discount {

	public static void main(String[] args) {
		String name;
		float price,discount ;
		System.out.println("Enter the product name and price");
		Scanner r=new Scanner (System.in);
		name=r.nextLine();
		price=r.nextFloat();

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

```
            {
                  discount = price *0.07f;
      System.out.println("you discount is 7%, Total discount = "
+discount);
            }

      }
}
```
==========
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