Q 1 Java program to print welcome message.

```
package cdac_classes;

public class hello {

	public static void main(String[] args) {
	System.out.print("hello welcome to cdac noida");

	}

}
```

Q 2 Java program to print sum of three float numbers

```
package cdac_classes;

public class Day2 {

	public static void main(String[] args) {
		float a=10.3f;
		float b=21.2f;
		float c=32.3f;
		System.out.println("addition = " + (a+b+c));
	}

}
```

Q 3 Java Program to Swap Two Numbers

```
public class Swapping {

   public static void main(String[] args) {

   int x=10 ;
   int y= 20 ;
   System.out.println(" value before swapping"+ x  + y);

   int temp= x;
   x=y;
   y=temp;
   System.out.println(" value after swapping"+ x  + y);


   }

}
```

Q 4 Wap to check if number is even or odd

```
package cdac_classes;

public class no_is_even {

	public static void main(String[] args) {
		int y=200;
```

```
            if(y%2==0)
            {
                  System.out.println("no is even");
            }
            else
            System.out.println("no 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 cdac_classes;

public class largest_from_threen_no {

      public static void main(String[] args) {
            int a=25, b=15, c=12;

        if( a<=20 && a<b && a<c)
            System.out.println(a + " is less than 20 and less than other 2
numbers");
        else if( a>=20 && a<b && a<c)
            System.out.println(a + " is greater than 20 and less than other
2 numbers");

        else if ( b<=20 && b<a && b<c)
            System.out.println(b + " is less than 20 and less than other 2
numbers");
        else if ( b>=20 && b<a && b<c)
            System.out.println(b + " is greater than 20 and less than other
2 numbers");
        else if ( c<=20 && c<a && c<b)
            System.out.println(c + " is less than 20 and less than other 2
numbers");
        else if ( c>=20 && c<a && c<b)
            System.out.println(c + " is greater than 20 and less than other
2 numbers");
        else
            System.out.println("condition not satisfied");

      }

}
```

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 cdac_classes;
import java.util.Scanner;
public class bonus {

      public static void main(String[] args) {

            Scanner s= new Scanner(System.in);
        int sales;
        System.out.println("sales of a person is=");
```

```
        sales=  s.nextInt();
        if(sales>10000)
            System.out.println("eligible for bonus and bonus is" +
(sales*0.2));
        else
            System.out.println("not 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 cdac_classes;

public class vote {

      public static void main(String[] args) {
            //wap to check if two given integer value is in range of 18 and
100
            //print eligible for voting else not eligible .
             int age=8;
                if (age >=18 && age<=100)
                  {
                  System.out.println("eligible for voting");
                  }
                else
                   System.out.println("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 cdac_classes;

public class Five_subjects {

      public static void main(String[] args) {
            // wap to print average of  given five subjects marks of
student and
            //check if average >=40 print Pass else print fail
       int a=25;
       int b=25;
       int c=25;
       int d=25;
       int e=25;
       if((a+b+c+d+e)/5>=40) {
         System.out.println("result is pass");
       }
       else
         {
         System.out.println("result is fail");
         }
      }
```

```
}
```

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

```
package cdac_classes;

public class Name {

	public static void main(String[] args) {
		Scanner s= new Scanner(System.in);
		String name;
		int    age;
		Float  salary;
		System.out.println("enter name age and salary");
		name=s.nextLine();
		age=s.nextInt();
		salary=s.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 cdac_classes;

import java.util.Scanner;

public class Greater_no {

	public static void main(String[] args) {
		// wap  that ask two numbers from user and print greater number
among two

		Scanner s= new Scanner(System.in);
	  int a,b;
	  System.out.println("enter two numbers");
	  a=s.nextInt();
	  b=s.nextInt();
	  if(a>b)
		System.out.println(a + "is greater");
	  else if(a<b)
		System.out.println(b + "is greater");
	  else
		System.out.println("both are equal");
	}

}
```

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 cdac_classes;

import java.util.Scanner;

public class Quetwelve {

	public static void main(String[] args) {
		// Twap 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

			Scanner s= new Scanner(System.in);
			string name;
		int	price;
		System.out.println("name and price of product");
		name=s.nextLine();
		price=s.nextInt();
		if(price>2000)
			System.out.println("10 percent discount of price is" + (price*0.1));
		else
			System.out.println("7 percent discount of price is" + (price*0.07));

	}

}
```
