Write a program to print an integer entered by the user?

```java
package com.madhu.assignments;
import java.util.Scanner;


public class Assignment1
{
        public static void main(String[] args)
        {
                Scanner sc = new Scanner(System.in);
                System.out.println("Enter an Integer ");
                int x = sc.nextInt();

        }
}
```

Write a program to Add Two Integers ?

```java
package com.madhu.assignments;
import java.util.Scanner;


public class Assignment2
{
        public static void main(String[] args)
        {
                Scanner sc = new Scanner(System.in);
                System.out.println("Enter a number A");
                int A = sc.nextInt();
                System.out.println("Enter a number B");
                int B = sc.nextInt();
```

```
        System.out.println("Addition of A and B :" +(A+B));

    }
}
```

Write a program to Multiply two Floating Point Numbers ?

```java
package com.madhu.assignments;
import java.util.Scanner;


public class Assignment3
{

    public static void main(String args[])

    {

        Scanner sc = new Scanner(System.in);

        System.out.println("Eneter first floating valu F1");

        float F1 = sc.nextFloat();

        System.out.println("Eneter first floating valu F2");

        float F2 = sc.nextFloat();

        System.out.println("Multiplication of two float values F1 and F2 :"
+(F1*F2));

    }
}
```

Write a Program to Compute Quotient and Remainder ?

```java
package com.madhu.assignments;
import java.util.Scanner;


public class Assignment4

{
```

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

        {

                Scanner sc = new Scanner(System.in);

                System.out.println("Enter a number x");

                int x = sc.nextInt();

                System.out.println("Enter a number y");

                int y = sc.nextInt();

                System.out.println("Quotient is :" +(x/y));

                System.out.println("Reainder is :"+(x%y));


        }
}
```

Write a Program to Check Whether a Number is Even or Odd ?

```java
package com.madhu.assignments;

import java.util.Scanner;


public class Assignment5
{
        public static void main(String args[])

        {

                Scanner sc = new Scanner(System.in);

                System.out.println("Eneter a number");

                int x = sc.nextInt();

                System.out.println("Checking the number is even or odd :" +(x%2 == 0) );

        }
}
```

Write a Program to Check Whether an Alphabet is Vowel or Consonant ?

```java
package com.madhu.assignments;

import java.util.Scanner;

public class Assignment6
{
    public static void main(String args[])
    {
        Scanner sc = new Scanner(System.in);

        System.out.println("Enter a single alphabet");

        char ch = sc.next().charAt(0);
        if(ch >= 'a' && ch <= 'z')
        {
            if(ch == 'a' || ch == 'e' || ch == 'i' || ch == 'o' || ch == 'u' )
            {
                System.out.println("The entered character is a vowel");
            }
            else
            {
                System.out.println("The entered character is a consonant");
            }
        }
        else
        {
```

```
                System.out.println("Invalid input. Please enter a single alphabet character.");

        }

    }

}
```

Write a Program to Find the Largest Among Three Numbers ?

```java
package com.madhu.assignments;

import java.util.Scanner;


public class Assignment7
{

        public static void main(String args[])

        {

                Scanner sc = new Scanner(System.in);

                System.out.println("Eneter a first number");

                double a = sc.nextDouble();

                System.out.println("Eneter a second number");

                double b = sc.nextDouble();

                System.out.println("Eneter a Third number");

                double c = sc.nextDouble();


                if(a >= b && a >= c)

                {

                        System.out.println("a is a largest number");

                }

                else if(b >= a && b >= c)

                {
```

```java
                System.out.println("b is a largest number");

        }

        else if(c >= a || c >= b)

        {

                System.out.println("c is a largest number");

        }

        else

        {

                System.out.println("Please enter a integer");

        }

    }

}
```

Write a Program to Check Leap Year ?

```java
package com.madhu.assignments;


import java.util.Scanner;


public class Assignmnet8
{
        public static void main(String args[])

        {

                Scanner sc = new Scanner(System.in);


                System.out.println("Eneter a year : ");


                long x = sc.nextLong();
```

```java
            if(x % 4 == 0 && (x % 100 == 0 || x % 400 != 0))

            {

                    System.out.println("It is a leap year");

            }

            else

            {

                    System.out.println("It is not a leap year");

            }

        }

}
```

Write a Program to Check Whether a Number is Positive or Negative?

```java
package com.madhu.assignments;


import java.util.Scanner;


public class Assignment9

{

        public static void main(String args[])

        {

                Scanner sc = new Scanner(System.in);


                System.out.println("Eneter a number :");

                int x = sc.nextInt();


                if(x >= 0 )
```

```java
    {
            System.out.println("It is a positive number :");
    }
    else
    {
            System.out.println("It is a negative number :");
    }
    }
}
```

Write a Program to Check Whether a Character is Alphabet or Not ?

```java
package com.madhu.assignments;

import java.util.Scanner;

public class Assignment10
{
    public static void main(String args[])
    {
            Scanner sc = new Scanner(System.in);
            System.out.println("Enetr a charecter ");
            char ch = sc.next().charAt(0);

            if((ch >= 'a' && ch <= 'z') || (ch >= 'A' && ch <= 'Z'))
            {
                    System.out.println("It is an alaphabet");
            }
```

```java
		else
		{
			System.out.println("it is not an alphabet");
		}
	}
}
```