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

**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 ?

**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 ?

**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 ?

**package** com.madhu.assignments;

**import** java.util.Scanner;

**public** **class** Assignment4

{

**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 ?

**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 ?

**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 ?

**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)

{

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 ?

**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();

**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?

**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 )

{

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 ?

**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");

}

**else**

{

System.***out***.println("it is not an alphabet");

}

}

}