**Assignment : 1**

**Creating an Arithmetic Calculator**

**Statement: As a developer, write a Java code to create a calculator to perform the four basic arithmetic operations (addition, subtraction, multiplication, and division).**

**package** main;

**import** java.util.Scanner;

**public** **class** ArithmeticCalculater {

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

// double Ans;

Scanner sc=**new** Scanner(System.***in***);

System.***out***.println(" ");

System.***out***.println("-------------Calculator-------------");

System.***out***.println(" ");

System.***out***.println("Please Eneter The First Number : ");

**int** firstnum=sc.nextInt();

System.***out***.println(" ");

System.***out***.println("Please Eneter The Second Number : ");

**int** secnum= sc.nextInt();

System.***out***.println(" ");

System.***out***.println("Please press + for Addition ");

System.***out***.println(" ");

System.***out***.println("Please press - for Substraction ");

System.***out***.println(" ");

System.***out***.println("Please press \* for Multiplication ");

System.***out***.println(" ");

System.***out***.println("Please press / for Division ");

System.***out***.println(" ");

**char** op=sc.next().charAt(0);

**double** Ans=0;

**switch**(op){

**case** '+': Ans=firstnum+secnum;

**break**;

**case** '-':Ans=firstnum-secnum;

**break**;

**case** '\*': Ans=firstnum\*secnum;

**break**;

**case** '/':Ans=firstnum/secnum;

**break**;

}

System.***out***.println("The Answer is : " +Ans);

}

}