**Source code for Arithmetic Calculator using JAVA Programming**

**package** com.pack1;

**import** java.util.\*;

**public** **class** ArthimeticCalcutor

{

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

{

**char** operator;

**double** A, B, result;

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

System.***out***.println("Choose an Operator: +, - , \* , / ");

operator = input.next().charAt(0);

System.***out***.println("Enter First Number ");

A = input.nextDouble();

System.***out***.println("Enter Second Number ");

B = input.nextDouble();

**switch**(operator)

{

// Addition

**case** '+':

result = A + B;

System.***out***.println(A + " + " + B + " = "+ result);

**break**;

//Subtraction

**case** '-':

result = A - B;

System.***out***.println(A + " - " + B + " = "+ result);

**break**;

//Multiplication

**case** '\*':

result = A \* B;

System.***out***.println(A + " \* " + B + " = "+ result);

**break**;

// Division

**case** '/':

result = A / B;

System.***out***.println(A + " / " + B + " = "+ result);

**break**;

**default**:

System.***out***.println("....Operator not Valid......");

**break**;

}

input.close();

}

}