**//Phase-Project Creating an Arithmetic Calculator:  
package** MyFirstpackage;

**import** java.util.Scanner;

**public** **class** ArithmeticCalculator {

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

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

System.***out***.print("Enter first integer: ");

**double** num1 = scanner.nextDouble();

System.***out***.print("Enter second integer: ");

**double** num2 = scanner.nextDouble();

System.***out***.print("Enter operator (+, -, \*, /): ");

**char** operator = scanner.next().charAt(0);

**double** result;

**switch** (operator) {

**case** '+':

result = num1 + num2;

System.***out***.println(num1 + " + " + num2 + " = " + result);

**break**;

**case** '-':

result = num1 - num2;

System.***out***.println(num1 + " - " + num2 + " = " + result);

**break**;

**case** '\*':

result = num1 \* num2;

System.***out***.println(num1 + " \* " + num2 + " = " + result);

**break**;

**case** '/':

result = num1 / num2;

System.***out***.println(num1 + " / " + num2 + " = " + result);

**break**;

**default**:

System.***out***.println("Invalid operator!Please select valid operator to perform");

**break**;

}

scanner.close();

}

}