

SOURCE CODE

```
import java.util.Scanner;

public class Arithmeticcalculator {
    public static void main(String[] args) {
        double number1, number2, Result = 0;
        char operator;
        Scanner var = new Scanner(System.in);
        System.out.print("Enter First numbers: ");
        number1 = var.nextDouble();
        System.out.print("Enter Second numbers: ");
        number2 = var.nextDouble();
        System.out.print("\nEnter an operator (+, -, *, /): ");
        operator = var.next().charAt(0);

        switch (operator) {
            case '+':
                Result = number1 + number2;
                break;
            case '-':
                Result = number1 - number2;
                break;
            case '*':
                Result = number1 * number2;
                break;
            case '/':
                Result = number1 / number2;
                break;
            default:
                System.out.printf("Error! Enter correct operator");

        }
        System.out.print("\nThe Result is given as follows:\n");
        System.out.printf(number1 + " " + operator + " " + number2 +
            " = " + Result);
    }
}
```