**SOURCE CODE:** package acprogram;

import java.util.Scanner;

public class ac {

public static void main(String [] args) {

double p,q;

Scanner s=new Scanner(System.in);

System.out.println("enter any two numbers of your own choice");

p=s.nextDouble();

q=s.nextDouble();

System.out.println("enter the operation you want to perform (+,-,/,\*)");

char op=s.next().charAt(0);

double output =0;

switch(op) {

case '+':

output =p+q;

break;

case '-':

output=p-q;

break;

case '/':

output =p/q;

break;

case '\*':

output =p\*q;

break;

default:

System.out.println("syntax error");

break;

}

System.out.println("your result is :");

System.out.println(p+" "+op+" "+q+"=" + output);

}

}