SOURCE CODE:

```java
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);
    }
}
```