**Source Code of Arithmetic calculator**

package arithmetic\_calculator;

import java.util.Scanner;

public class CalC {

public static void main(String[] args) {

Scanner scan = new Scanner(System.in);

System.out.println("Enter number a:");

int a = scan.nextInt();

System.out.println("Enter number b:");

int b = scan.nextInt();

System.out.println("Select an operation need to be performed (+,-,\*,/):");

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

if(s=='+'){

System.out.println("Sum of a & b: "+(a+b));

}

else if(s=='/'){

if(b==0)

System.out.println("b cannot be zero");

else

System.out.println("Division of a & b:"+(a/b));

}

else if(s=='-'){

System.out.println("Difference of a & b: "+(a-b));

}

else

{

System.out.println("Product of a & b: "+(a\*b));

}

}

}