```java
package Assignments;

import java.util.Scanner;

public class Arithmatic_calculator
{
        public static void main (String[]args)
        {
        int a,b,n;

        Scanner sc = new Scanner(System.in);

        System.out.println("Enter a :");
        a = sc.nextInt();

        System.out.println("Enter b :");
        b = sc.nextInt();

        System.out.println("Enter the arith operation needed to be carried out ");
        System.out.println("1.add\n2.sub\n3.mul\n4.div");
        n = sc.nextInt();

        if (n == 1)
        {
                int result = a + b;
```

```java
                System.out.println("The answer is = "+result);

        }
        else if (n == 2)
        {
                int result = a - b;
                System.out.println("The anser is = "+result);

        }
        else if (n == 3)
        {
                int result = a * b;
                System.out.println("The anser is = "+result);

        }
        else
        {
                int result = a / b;
                System.out.println("The answer is = "+result);

        }


        }
}
```