Below is the Code for basic Arithmetic Calculations:

import java.util.Scanner;

public class ARITHCAL {

static int *a* = 0, *b* = 0;

public static void main(String[] args) {

System.***out***.println(" ARITHCAL ");

while (true) {

Scanner cr = new Scanner(System.***in***);

System.***out***.println("\n\t1. ADD\n\t2. SUB\n\t3. MUL\n\t4. DIV\n\t5. MODDIV\n\t6. Exit");// MENU FOR CALCULATIONS

System.***out***.println("Enter the requried calculation option:");// CHOOSHING CALCULATION

int ch = cr.nextInt();

switch (ch) {

case 1:

*add*();

break;

case 2:

*sub*();

break;

case 3:

*mul*();

break;

case 4:

*div*();

break;

case 5:

*moddiv*();

break;

case 6:

System.*exit*(0); // CHOICE TO END PROGRAM

default:

System.***out***.println("Enter corret choice");

}

}

}

public static void assign() {

// to assign values to the static variable in the class

Scanner ao = new Scanner(System.***in***);

System.***out***.print("Enter 1st value :");

*a* = ao.nextInt();

System.***out***.print("Enter 2nd value :");

*b* = ao.nextInt();

}

private static void add() {

// ADDITION

System.***out***.println(" ADDITION ");

Scanner add = new Scanner(System.***in***);

*assign*();

int sum = *a* + *b*;

while (true) {

System.***out***.println("To add more Enter\n1-> Yes\t2-> No");

int c = add.nextInt();

if (c == 1) {

System.***out***.print("Enter number to add:");

sum += add.nextInt();

} else {

break;

}

}

System.***out***.println("SUM = " + sum);

}

private static void sub() {

// SUBTRACTION

System.***out***.println(" SUBTRACTION ");

*assign*();

System.***out***.println(" " + *a* + "-" + *b* + "=" + (*a* - *b*));

}

private static void mul() {

// MULTIPLICATION

System.***out***.println(" MULTIPLICATION ");

*assign*();

System.***out***.println(" " + *a* + "\*" + *b* + "=" + (*a* \* *b*));

}

private static void div() {

// DIVISION

System.***out***.println(" DIVISION ");

*assign*();

System.***out***.println(" " + *a* + "/" + *b* + "=" + (*a* / *b*));

}

private static void moddiv() {

// MODULO DIVISION

System.***out***.println(" MODULO DIVISION ");

*assign*();

System.***out***.println(" " + *a* + "%" + *b* + "=" + (*a* % *b*));

}

}