

## Source Code for Creating an Arithmetic Calculator.

```
package com.arithmeticCalculator;
import java.util.*;

public class Calculator{
    public static void main(String []args){

        int num1,num2,choice;
        float result=0;
        Scanner scan = new Scanner(System.in);

        while(true) {
            System.out.print("1: Addition. \n");
            System.out.print("2: Subtraction. \n");
            System.out.print("3: Multiplication. \n");
            System.out.print("4: Divide. \n");
            System.out.print("5: Remainder. \n");
            System.out.print("6: Exit. \n");

            System.out.print("\nEnter your choice: ");
            choice = scan.nextInt();

            System.out.print("Enter first number: ");
            num1 = scan.nextInt();
            System.out.print("Enter second number: ");
            num2 = scan.nextInt();

            switch(choice)
            {
                case 1:
                    result=(num1+num2); break;
                case 2:
                    result=(num1-num2); break;
                case 3:
                    result=(num1*num2); break;
                case 4:
                    result=(float)((float)num1/(float)num2); break;
                case 5:
                    result=(num1%num2); break;
                default:
                    System.out.println("An Invalid Choice!!! \n");
            }
        }
    }
}
```

```
        if(choice>=1 && choice<=5)
            System.out.println("Result is: " + result);
        System.out.println("\n");
    }
}
```