

Practice Project: Arithmetic Calculator

Creating an Arithmetic Calculator

write a Java code to create a calculator to perform the four basic arithmetic operations (addition, subtraction, multiplication, and division).

Source code: -

```
package Practice_Projects;
import java.util.Scanner;

public class ArithmeticCalculator {
    public static void main(String [] args) {
        int n1,n2,n;//declaration of two numbers and choice num (n)
        Scanner s= new Scanner(System.in);// Scanner object creation
        while(true) {
            System.out.println("ArithmeticCalculator");
            System.out.println("Choose your Arithmetic operation\n"+" 1.
Addition(+) \n 2. Subtraction(-) \n "
                                + "3. Multilpication(*) \n 4. Division(/)\n 5. EXIT
\n" );

            n= s.nextInt(); //choosing the

            if (n==5) {
                break;
            }
            else {
                System.out.println("Enter number 1\n");
                n1=s.nextInt();
                System.out.println("Enter number 2\n");
                n2=s.nextInt();
                switch(n) {
                    case 1 :
                        System.out.println("\nAddition between the number
"+n1+" and "+n2+" is: "+(n1+n2)+"\n");
                        break;
                    case 2 :
                        System.out.println("\nSubtraction between the number
"+n1+" and "+n2+" is: "+(n1-n2));
                        break;
                    case 3 :
                        System.out.println("\nMultiplication between the
number "+n1+" and "+n2+" is: "+(n1*n2));
                        break;
                    case 4 :
                        System.out.println("\nDivision between the number
"+n1+" and "+n2+" is: "+(n1/n2));
                        break;
                }
            }
        }
    }
}
```