

```

package Demo;
import java.util.Scanner;
public class calculator {
    public static void main(String[] args)
    {
        float a, b, res=0;
        int choice;
        Scanner scan = new Scanner(System.in);

        while(true)
        {
            System.out.println("1. Addition");
            System.out.println("2. Subtraction");
            System.out.println("3. Multiplication");
            System.out.println("4. Division");
            System.out.println("5. Exit");
            System.out.print("Enter Your Choice (1-5): ");
            choice = scan.nextInt();

            switch(choice)
            {
                case 1:
                    System.out.print("\nEnter any Two Number: ");
                    a = scan.nextFloat();
                    b = scan.nextFloat();
                    res = a+b;
                    break;
                case 2:
                    System.out.print("\nEnter any Two Number: ");
                    a = scan.nextFloat();
                    b = scan.nextFloat();
                    res = a-b;
                    break;
                case 3:
                    System.out.print("\nEnter any Two Number: ");
                    a = scan.nextFloat();
                    b = scan.nextFloat();
                    res = a*b;
                    break;
                case 4:
                    System.out.print("\nEnter any Two Number: ");
                    a = scan.nextFloat();
                    b = scan.nextFloat();
                    res = a/b;
                    break;
                case 5:
                    return;
                default:
                    System.out.println("\nInvalid choice!");
                    break;
            }
            System.out.println("\nResult = " +res+ "\n");
        }
    }
}

```