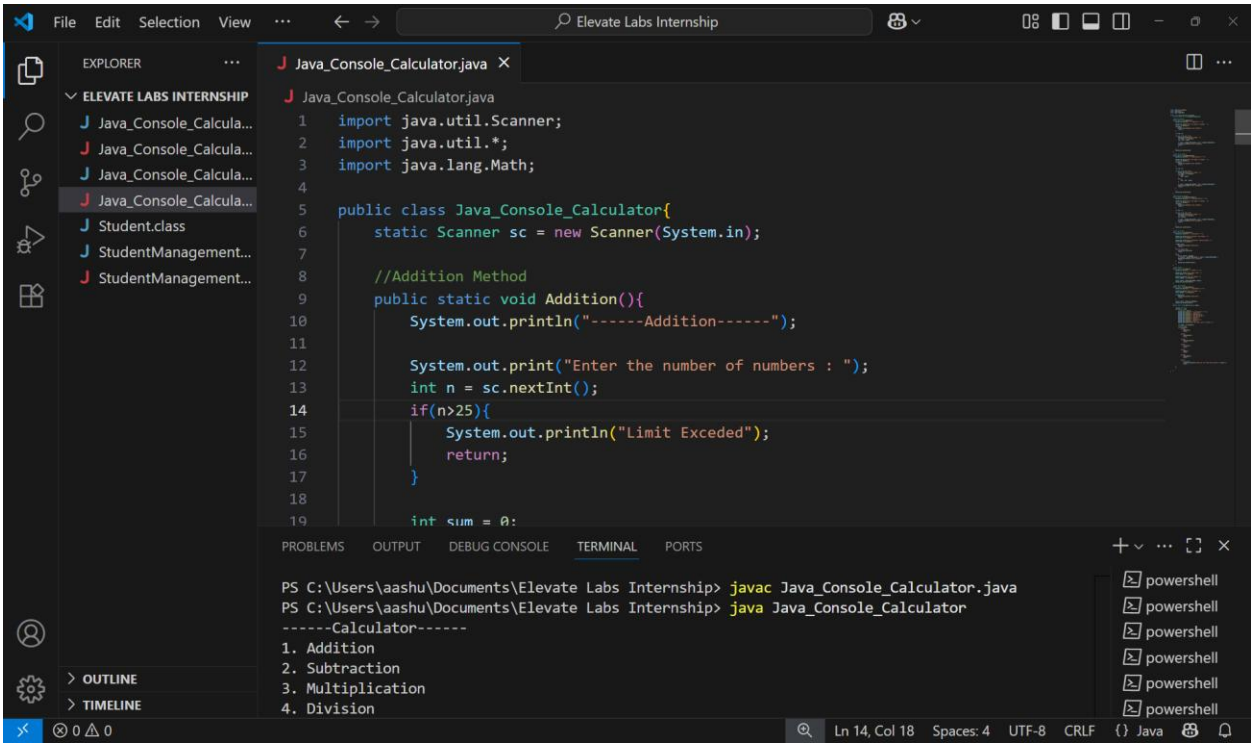
WORKING OF JAVA CONSOLE CALCULATOR

Java Console Calculator Code



Run the code using terminal

```
PS C:\Users\aashu\Documents\Elevate Labs Internship> javac Java_Console_Calculator.java
PS C:\Users\aashu\Documents\Elevate Labs Internship> java Java_Console_Calculator
```

```
PS C:\Users\aashu\Documents\Elevate Labs Internship> javac Java_Console_Calculator.java
PS C:\Users\aashu\Documents\Elevate Labs Internship> java Java_Console_Calculator
------Calculator------
1. Addition
2. Subtraction
3. Multiplication
4. Division
5. Power
6. Squareroot
7. Exit
Enter the index value to choose:
```

1. Addition

```
------Calculator------
1. Addition
2. Subtraction
3. Multiplication
4. Division
5. Power
6. Squareroot
7. Exit
Enter the index value to choose: 1
------Addition------
Enter the number of numbers : 3
Enter number: 1
Enter number: 2
Enter number: 3
6
```

2. Subtraction

```
------Calculator------
1. Addition
2. Subtraction
3. Multiplication
4. Division
5. Power
6. Squareroot
7. Exit
Enter the index value to choose: 2
------Subtraction------
Enter the number of numbers : 3
Enter number: 3
Enter number: 2
Enter number: 1
0
```

3. Multiplication

```
------Calculator------
1. Addition
2. Subtraction
3. Multiplication
4. Division
5. Power
6. Squareroot
7. Exit
Enter the index value to choose: 3
------Multiplication------
Enter the number of numbers : 2
Enter number: -1
Enter number: 2
-2
```

4. Division

```
------Calculator------
1. Addition
2. Subtraction
3. Multiplication
4. Division
5. Power
6. Squareroot
7. Exit
Enter the index value to choose: 4
------Division------
Enter numerator (top number): 3
Enter denominator (bottom number): 0
undefined
```

```
------Calculator------
1. Addition
2. Subtraction
3. Multiplication
4. Division
5. Power
6. Squareroot
7. Exit
Enter the index value to choose: 4
------Division------
Enter numerator (top number): 0
Enter denominator (bottom number): 3
0
```

```
------Calculator------
1. Addition
2. Subtraction
3. Multiplication
4. Division
5. Power
6. Squareroot
7. Exit
Enter the index value to choose: 4
------Division------
Enter numerator (top number): 6
Enter denominator (bottom number): 3
2.0
```

5. Power

```
------Calculator------
1. Addition
2. Subtraction
3. Multiplication
4. Division
5. Power
6. Squareroot
7. Exit
Enter the index value to choose: 5
------Power------
Enter power value: 3
Enter the number: 2
8.0
```

6. Square Root

```
------Calculator------
1. Addition
2. Subtraction
3. Multiplication
4. Division
5. Power
6. Squareroot
7. Exit
Enter the index value to choose: 6
------SquareRoot------
Enter the Number: 36
6.0
```

```
------Calculator------
1. Addition
2. Subtraction
3. Multiplication
4. Division
5. Power
6. Squareroot
7. Exit
Enter the index value to choose: 6
------SquareRoot------
Enter the Number: 2
1.4142135623730951
```

7. Exit

```
------Calculator------
1. Addition
2. Subtraction
3. Multiplication
4. Division
5. Power
6. Squareroot
7. Exit
Enter the index value to choose: 7
Thank you for using the calculator. Goodbye!
PS C:\Users\aashu\Documents\Elevate Labs Internship>
```