PROLOC RAS	SFD (CALCULATOR
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Introduction

Note that prolog is an ancient language, and now for a few days, it is very doubtful that someone can learn it. And what I am going to do is a tiny professional framework that calculates numbers by main operators.

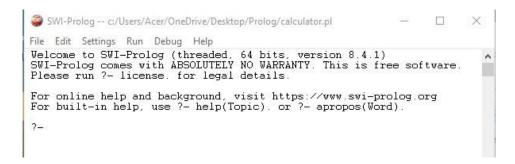
I'm considering 4 main operations. There are:

- Addition
- Subtraction
- Multiplication
- Division

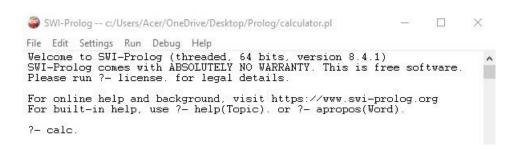
How to Run it

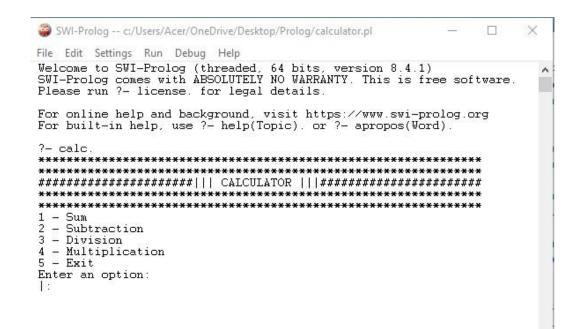
Open SWI-Prolog and go to menu then select file calculator.pl

The following pictures illustrate how this prolog system works. There are some other output screenshots of my work as well.

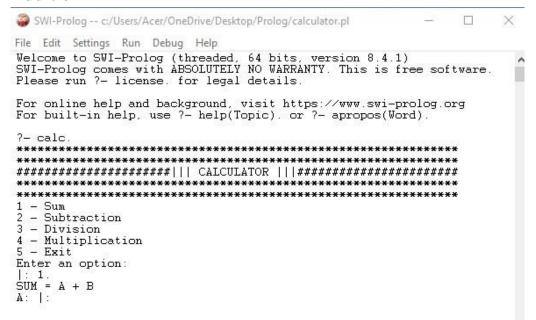


Type calc.





Addition



```
SWI-Prolog -- c:/Users/Acer/OneDrive/Desktop/Prolog/calculator.pl
                                        - 🗆 ×
File Edit Settings Run Debug Help
Welcome to SWI-Prolog (threaded, 64 bits, version 8.4.1) SWI-Prolog comes with ABSOLUTELY NO WARRANTY. This is free software. Please run ?- license. for legal details.
For online help and background, visit https://www.swi-prolog.org For built-in help, use ?- help(Topic). or ?- apropos(Word).
?- calc.
************************
*********************
********************
1 - Sum
2 - Subtraction
3 - Division
4 - Multiplication
5 - Exit
Enter an option:
|: 1.
SUM = A + B
A: |: 24.
24
B: |: 86.
       24 + 86 = 110
1 - Sum
2 - Subtraction
3 - Division
4 - Multiplication
 - Exit
Enter an option:
```

Subtraction

```
*******************
1 - Sum
2 - Subtraction
3 - Division
4 - Multiplication
- Exit
Enter an option:
SUBTRACTION = A - B
A: |: 48.
48
B: |: 15.
15
    48 - 15 = 33
```

Division

```
1 - Sum
2 - Subtraction
3 - Division
4 - Multiplication
5 - Exit
Enter an option:
|: 3.
DIVISION = A / B
A: |: 842.
842
B: |: 12.
12
842 / 12 = 70.166666666666666
```

Multiplication

```
1 - Sum
2 - Subtraction
3 - Division
4 - Multiplication
5 - Exit
Enter an option:
|: 4.

MULTIPLICATION = A * B
A: |: 48.
48
B: |: 14.
14

48 * 14 = 672
```

Exit