

## Truth Table

Truth Table merupakan sebuah command line tool yang saya buat untuk mempermudah melihat truth table pada boolean expression, selain itu saya juga bagaimana cara menggunakan Definite Clause Grammar untuk melakukan parsing

## Screenshot

```
xttern
ERROR: Syntax Error
INPUT: ["neg", "a", "and", "b"]
A: [truth_table] + truth_table -e "neg ( a and b )"

Truth Table


| A | B | $\neg(A \wedge B)$ |
|---|---|--------------------|
| 0 | 0 | 1                  |
| 0 | 1 | 1                  |
| 1 | 0 | 1                  |
| 1 | 1 | 0                  |


A: [truth_table] + truth_table -e "neg a or neg b"

Truth Table


| A | B | $\neg A \vee \neg B$ |
|---|---|----------------------|
| 0 | 0 | 1                    |
| 0 | 1 | 1                    |
| 1 | 0 | 1                    |
| 1 | 1 | 0                    |


A: [truth_table] +
```

```
xttern


| A | B | $\neg A \vee \neg B$ |
|---|---|----------------------|
| 0 | 1 | 1                    |
| 1 | 0 | 1                    |
| 1 | 1 | 0                    |


A: [truth_table] + truth_table -e "neg a or neg b"

Truth Table


| A | B | $\neg A \vee \neg B$ |
|---|---|----------------------|
| 0 | 0 | 1                    |
| 0 | 1 | 1                    |
| 1 | 0 | 1                    |
| 1 | 1 | 0                    |


A: [truth_table] + truth_table -e "neg neg a"

Truth Table


| A | $\neg\neg A$ |
|---|--------------|
| 0 | 0            |
| 1 | 1            |


A: [truth_table] +
```

## **Download**

[https://codeberg.org/aerphanas/truth\\_table/releases/download/v0.0.1/truth\\_table\\_v0.0.1\\_x86\\_64\\_linux](https://codeberg.org/aerphanas/truth_table/releases/download/v0.0.1/truth_table_v0.0.1_x86_64_linux)

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