

Assignment1 Guideline

2018079116

정진성

- Instruction

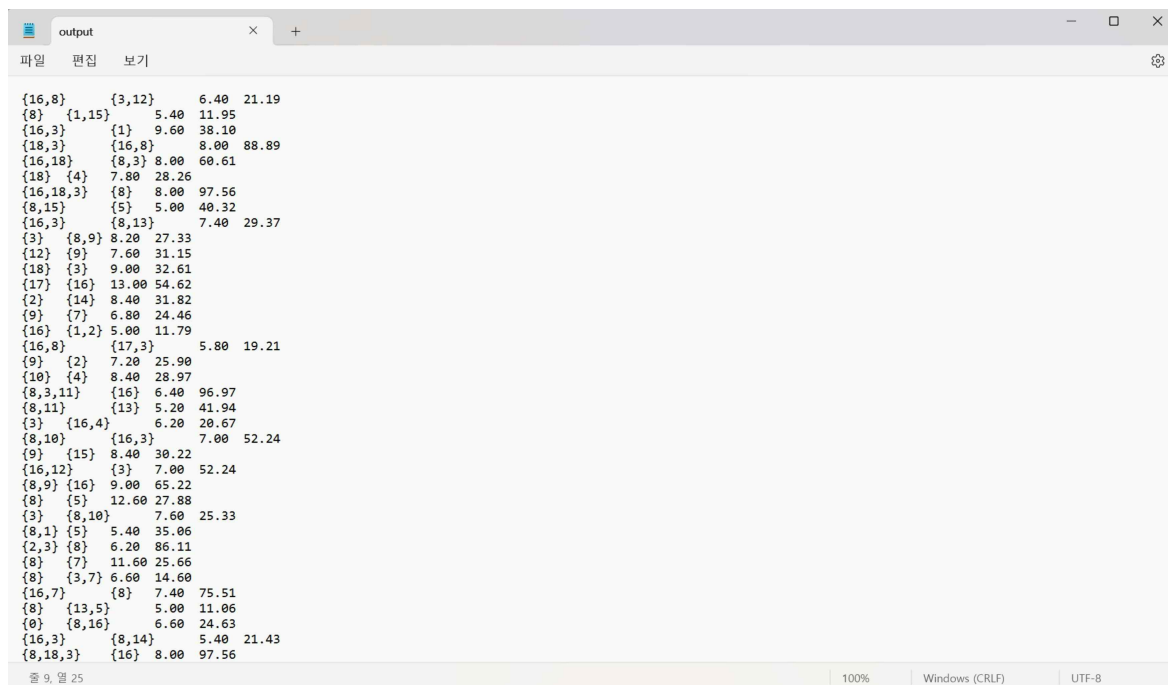
You do not need to compile this file because it was written in Python code.

To execute this file, first enter the path where the file "apriori.py " and "input.txt" are located.

Then enter "python apriori.py (desired minimum support value (%)) input.txt (name of input file) output.txt (name of output file)" in the command.

This creates an output.txt file with association rules written based on the entered minimum support value.

You can check the execution results.



```
{16,8} {3,12} 6.40 21.19
{8} {1,15} 5.40 11.95
{16,3} {1} 9.60 38.10
{18,3} {16,8} 8.00 88.89
{16,18} {8,3} 8.00 60.61
{18} {4} 7.80 28.26
{16,18,3} {8} 8.00 97.56
{8,15} {5} 5.00 40.32
{16,3} {8,13} 7.40 29.37
{3} {8,9} 8.20 27.33
{12} {9} 7.60 31.15
{18} {3} 9.00 32.61
{17} {16} 13.00 54.62
{2} {14} 8.40 31.82
{9} {7} 6.80 24.46
{16} {1,2} 5.00 11.79
{16,8} {17,3} 5.80 19.21
{9} {2} 7.20 25.90
{10} {4} 8.40 28.97
{8,3,11} {16} 6.40 96.97
{8,11} {13} 5.20 41.94
{3} {16,4} 6.20 20.67
{8,10} {16,3} 7.00 52.24
{9} {15} 8.40 30.22
{16,12} {3} 7.00 52.24
{8,9} {16} 9.00 65.22
{8} {5} 12.60 27.88
{3} {8,10} 7.60 25.33
{8,1} {5} 5.40 35.06
{2,3} {8} 6.20 86.11
{8} {7} 11.60 25.66
{8} {3,7} 6.60 14.60
{16,7} {8} 7.40 75.51
{8} {13,5} 5.00 11.06
{0} {8,16} 6.60 24.63
{16,3} {8,14} 5.40 21.43
{8,18,3} {16} 8.00 97.56
```

<output.txt content>

- python version

The environment is python 3.10.2 version.