인공지능 Assignment03 보고서

20191621 이민영

1. 문제 01 실행 출력 화면

```
----- START TEST test of statement 1 for 01 -----
You matched the 7 tests
Example model: set()
---------------------> Correct Formula!

----- START TEST test of statement 2 for 01 -----
You matched the 4 tests
Example model: {'Wet', 'Sprinklers'}
---------------------> Correct Formula!

----- START TEST test of statement 3 for 01 -----
You matched the 2 tests
Example model: {'Night'}
---------------------> Correct Formula!
```

2. 문제 02 실행 출력 화면

```
----- START TEST test of statement 1 for 02 -----
You matched the 343 tests
Example model: {'Mother(o2,o1)', 'Mother(o3,o1)', 'Mother(o2,o3)', 'Person(o1)', 'Person(o3)', 'Mother(o1,o3)'}
---------------------> Correct Formula!

----- START TEST test of statement 2 for 02 -----
You matched the 169 tests
Example model: {'Person(o2)', 'Child(o3,o1)', 'Person(o1)', 'Person(o3)', 'Child(o3,o2)'}
---------------------> Correct Formula!

----- START TEST test of statement 3 for 02 -----
You matched the 512 tests
Example model: {'Female(o2)', 'Female(o3)', 'Daughter(o3,o2)', 'Child(o3,o1)', 'Child(o2,o3)', 'Child(o1,o3)', 'Child(o2,o1)', 'Child(o3,o2)', 'Daughter(o1,o3)', 'Daughter(o2,o3)'}
---------------------> Correct Formula!

----- START TEST test of statement 4 for 02 -----
You matched the 512 tests
Example model: {'Female(o2)', 'Grandmother(o1,o1)', 'Parent(o3,o1)', 'Parent(o3,o2)', 'Parent(o1,o2)', 'Grandmother(o2,o2)', 'Female(o1)', 'Grandmother(o3,o1)', 'Parent(o2,o1)', 'Parent(o1,o3)',
'Grandmother(o3,o2)', 'Grandmother(o1,o2)'}
---------------------> Correct Formula!
```

3. 문제 03 실행 출력 화면

```
----- START TEST test of statement 1 for 03 -----
You matched the 2 tests
Example model: {'TellTruth(john)'}
---------------------> Correct Formula!

----- START TEST test of statement 2 for 03 -----
You matched the 2 tests
Example model: {'CrashedServer(nicole)', 'TellTruth(susan)'}
---------------------> Correct Formula!

----- START TEST test of statement 3 for 03 -----
You matched the 2 tests
Example model: {'CrashedServer(susan)', 'TellTruth(mark)'}
---------------------> Correct Formula!

----- START TEST test of statement 4 for 03 -----
You matched the 2 tests
Example model: {'TellTruth(susan)'}
---------------------> Correct Formula!

----- START TEST test of statement 5 for 03 -----
You matched the 4 tests
Example model: {'TellTruth(susan)'}
---------------------> Correct Formula!

----- START TEST test of statement 6 for 03 -----
You matched the 4 tests
Example model: {'CrashedServer(susan)'}
---------------------> Correct Formula!
```

4. 문제 04 실행 출력 화면

```
----- START TEST test of statement 1 for 04 -----
You matched the 8 tests
Example model: {'Successor(o1,o3)', 'Successor(o3,o1)', 'Successor(o2,o1)'}
---------------------> Correct Formula!

----- START TEST test of statement 2 for 04 -----
You matched the 8 tests
Example model: {'Odd(o2)', 'Odd(o1)', 'Odd(o3)'}
---------------------> Correct Formula!

----- START TEST test of statement 3 for 04 -----
You matched the 13009 tests
Example model: {'Successor(o2,o3)', 'Odd(o2)', 'Successor(o2,o2)', 'Odd(o1)', 'Successor(o2,o1)', 'Successor(o3,o3)', 'Successor(o1,o2)'}
---------------------> Correct Formula!

----- START TEST test of statement 4 for 04 -----
You matched the 13009 tests
Example model: {'Even(o3)', 'Odd(o3)', 'Successor(o1,o3)', 'Successor(o2,o1)', 'Even(o2)', 'Successor(o3,o3)', 'Successor(o1,o1)', 'Successor(o1,o2)'}
---------------------> Correct Formula!

----- START TEST test of statement 5 for 04 -----
You matched the 19683 tests
Example model: {'Successor(o3,o2)', 'Larger(o2,o1)', 'Larger(o1,o1)', 'Larger(o2,o3)', 'Larger(o3,o2)'}
---------------------> Correct Formula!

----- START TEST test of statement 6 for 04 -----
You matched the 171 tests
Example model: {'Larger(o1,o3)', 'Larger(o3,o3)', 'Larger(o1,o2)', 'Larger(o2,o2)', 'Larger(o2,o3)'}
---------------------> Correct Formula!
```