

AI Assignment03 보고서

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Problem 1

```
----- START TEST test of statement 1 for 01 -----  
You matched the 7 tests  
Example model: {'Rain', 'California'}  
-----> Correct Formula!  
  
----- START TEST test of statement 2 for 01 -----  
You matched the 4 tests  
Example model: {'Sprinklers', 'Wet'}  
-----> Correct Formula!  
  
----- START TEST test of statement 3 for 01 -----  
You matched the 2 tests  
Example model: {'Day'}  
-----> Correct Formula!
```

logic01_01, logic01_02, logic01_03 의 결과입니다.

Problem 2

```
----- START TEST test of statement 1 for 02 -----  
You matched the 343 tests  
Example model: {'Mother(o1,o3)', 'Person(o3)', 'Mother(o3,o1)', 'Person(o1)'}  
-----> Correct Formula!  
  
----- START TEST test of statement 2 for 02 -----  
You matched the 169 tests  
Example model: {'Person(o1)', 'Child(o3,o2)', 'Person(o2)', 'Child(o2,o1)', 'Child(o3,o1)'}  
-----> Correct Formula!  
  
----- START TEST test of statement 3 for 02 -----  
You matched the 512 tests  
Example model: {'Female(o2)'}  
-----> Correct Formula!  
  
----- START TEST test of statement 4 for 02 -----  
You matched the 512 tests  
Example model: {'Parent(o2,o1)', 'Parent(o1,o3)', 'Female(o2)', 'Parent(o1,o2)', 'Grandmother(o2,o2)'}  
-----> Correct Formula!
```

logic02_01, logic02_02, logic02_03, logic02_04 의 결과입니다

Problem 3

```
----- START TEST test of statement 1 for 03 -----  
You matched the 2 tests  
Example model: {'CrashedServer(john)'}  
-----> Correct Formula!  
  
----- START TEST test of statement 2 for 03 -----  
You matched the 2 tests  
Example model: set()  
-----> Correct Formula!  
  
----- START TEST test of statement 3 for 03 -----  
You matched the 2 tests  
Example model: {'TellTruth(mark)', 'CrashedServer(susan)'}  
-----> Correct Formula!  
  
----- START TEST test of statement 4 for 03 -----  
You matched the 2 tests  
Example model: {'TellTruth(nicole)'}  
-----> Correct Formula!  
  
----- START TEST test of statement 5 for 03 -----  
You matched the 4 tests  
Example model: {'TellTruth(mark)'}  
-----> Correct Formula!  
  
----- START TEST test of statement 6 for 03 -----  
You matched the 4 tests  
Example model: {'CrashedServer(susan)'}  
-----> Correct Formula!
```

Problem 3의 statement 1 ~ 6의 결과입니다.

Problem 4

```

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

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

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

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

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

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

```

Problem 4의 statement 1 ~ 6의 결과입니다.