

Project Milestone 1

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ASUrite – schine

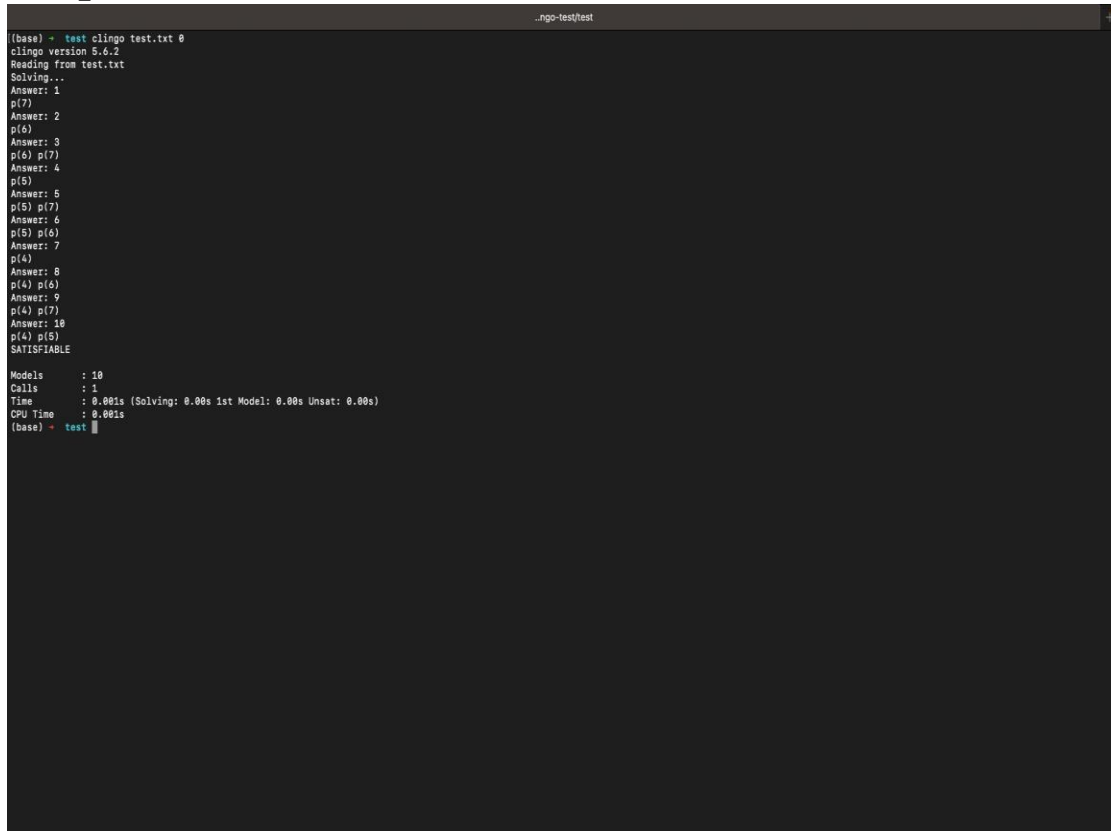
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Question: How many stable models do the following clingo program have?

Answer – 10

Source Code: {p(4..7)}.

Output of terminal:



```
((base) - test clingo test.txt 0
clingo version 5.6.2
Reading from test.txt
Solving...
Answer: 1
p(7)
Answer: 2
p(6)
Answer: 3
p(6) p(7)
Answer: 4
p(5)
Answer: 5
p(5) p(7)
Answer: 6
p(5) p(6)
Answer: 7
p(4)
Answer: 8
p(4) p(6)
Answer: 9
p(4) p(7)
Answer: 10
p(4) p(5)
SATISFIABLE

Models      : 10
Calls       : 1
Time        : 0.001s (Solving: 0.00s 1st Model: 0.00s Unsat: 0.00s)
CPU Time    : 0.001s
((base) - test
```

InputProgram	1{p(4..7)}2.
CommandLine	clingo test.txt 0
Stable models	Answer :1 p(7) Answer :2 p(6) Answer :3 p(6) p(7) Answer :4 p(5) Answer :5 p(5) p(7) Answer :6 p(5) p(6) Answer :7 p(4) Answer :8 p(4) p(6) Answer :9 p(4) p(7) Answer :10 p(4) p(5)
Number of stable models	10