

Project milestone 1: CSE 579

Example:

<b>InputProgram</b>	1{p(1..3)}.
<b>CommandLine</b>	clingo test.txt 0
<b>Stable models</b>	Answer: 1 p(2) Answer: 2 p(3) Answer: 3 p(2) p(3) Answer: 4 p(1) Answer: 5 p(1) p(3) Answer: 6 p(1) p(2) Answer: 7 p(1) p(2) p(3)
<b>Number of stable models</b>	7

Main question: [ need to complete by the students]

<b>InputProgram</b>	1{p(5..8)}2.
<b>CommandLine</b>	clingo test.txt 0
<b>Stable models</b>	Answer: 1 p(8) Answer: 2 p(7) Answer: 3 p(7) p(8) Answer: 4 p(6) Answer: 5 p(6) p(8) Answer: 6 p(6) p(7) Answer: 7 p(5) Answer: 8

	<p>p(5) p(7)  Answer: 9  p(5) p(8)  Answer: 10  p(5) p(6)</p>
<b>Number of stable models</b>	10

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1 1{p(5..8)}2.

saaurabh@ztrimus: ~/AAA/ASU MSCS/FALL 2023/CSE579_Knowledge_Representation$ clingo test.txt 0
clingo version 5.4.1
Reading from test.txt
Solving...
Answer: 1
p(8)
Answer: 2
p(7)
Answer: 3
p(7) p(8)
Answer: 4
p(6)
Answer: 5
p(6) p(8)
Answer: 6
p(6) p(7)
Answer: 7
p(5)
Answer: 8
p(5) p(7)
Answer: 9
p(5) p(8)
Answer: 10
p(5) p(6)
SATISFIABLE

Models      : 10
Calls       : 1
Time        : 0.001s (Solving: 0.00s 1st Model: 0.00s Unsat: 0.00s)
CPU Time    : 0.001s
saaurabh@ztrimus:~/AAA/ASU MSCS/FALL 2023/CSE579_Knowledge_Representation$

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