Quiz22

- Due Apr 17 at 12pm
- Points 5
- Questions 5
- Available until Apr 17 at 12pm
- Time Limit 7 Minutes

Attempt History

	Attempt	Time	Score
LATEST	**Attempt 1**	5 minutes	5 out of 5

⊘ Correct answers will be available on Apr 17 at 2pm.

Score for this quiz: 5 out of 5
Submitted Apr 16 at 11:13pm
This attempt took 5 minutes.

⠿

Question 1
1 / 1 pts

Which processes are used to do inference in Horn clause logic?

☑ Resolution

☑ Unification

☐ Derivation

☐ Substitution

⠿

Question 2
1 / 1 pts

In a pure logic programming language, the programmer needs to specify how to derivate statements.

○ True

⦿ False

⠿

Question 3
1 / 1 pts

How should we specify the Horn clause that fibonacci of 0 is 0 in Prolog?

○ fibonacci(0) = 0

○ => Fibonacci(0,0).

○ fibonacci(0,0) :-

◉ fibonacci(0,0).

Question 4
1 / 1 pts

How should we specify the following statement as a Horn clause in Prolog?

If X is a student, then X studies hard.

◉ studiesHard(X) :- student(X).

○ student(X) :- studiesHard(X).

○ studiesHard(X) => student(X).

○ student(X) => studiesHard(X).

Question 5
1 / 1 pts

How an we ask the query from the Prolog to show all students who study hard?

○ ?- studyHard(?).

○ ?- X :- studyHard().

◉ ?- studyHard(X).

○ ?- studyHard(X)?

Quiz Score: 5 out of 5