🔖 http://www.na.edu

✉ E-mail: moodle@na.edu

NORTH AMERICAN UNIVERSITY
INSPIRATION   INNOVATION   GLOBAL COMPETENCE

💬 🔔 **Geraldo Braho**▾

Dashboard > My courses > COMP > COMP 3320.Programming Languages.2017SPR.s1 > 17 April - 23 April > Homework 12

Started on	Thursday, 20 April 2017, 3:11 PM
State	Finished
Completed on	Thursday, 20 April 2017, 3:17 PM
Time taken	5 mins 48 secs
Marks	4.67/5.00
Grade	**93.33** out of 100.00

Question 1   Correct   Mark 1.00 out of 1.00

A proposition is a logical statement.

Select one:

🔘 True ✔

⚪ False

The correct answer is 'True'.

Question 2   Partially correct   Mark 0.67 out of 1.00

parent(bill, sarah).

parent(bill, oliver).

sibling(X,Y) :- (parent(M,X), parent(M,Y), not(X=Y)).

Which one of the following will return true? (Select all that applies)

Select one or more:

☑ a.
sibling(sarah,oliver). ✓

☐ b.
sibling(oliver,oliver).

☐ c.
sibling(sarah,sarah).

☑ d.
sibling(bill,oliver). ✗

Your answer is partially correct.

You have selected too many options.

The correct answer is:

sibling(sarah,oliver).

Question 3   Correct   Mark 1.00 out of 1.00

Logic programming languages uses _____ to produce results.

Select one:

○   a. procedural programming

○   b. functional inferencing

◉   c. logical inferencing ✔

○   d. funtional logic

Your answer is correct.

The correct answer is: logical inferencing

Question 4   Correct   Mark 1.00 out of 1.00

Which one of the following means if all A's are true then all B's are true.

Select one:

○   a. None of them

◉   b. $B1 \wedge B2 \wedge ... \wedge Bn \subset A1 \wedge A2 \wedge ... \wedge Am$ ✔

○   c. $B1 \vee B2 \vee ... \vee Bn \subset A1 \wedge A2 \wedge ... \wedge Am$

○   d. $B1 \wedge B2 \wedge ... \wedge Bn \not\subset A1 \wedge A2 \wedge ... \wedge Am$

Your answer is correct.

The correct answer is: $B1 \wedge B2 \wedge ... \wedge Bn \subset A1 \wedge A2 \wedge ... \wedge Am$

Question 5   Correct   Mark 1.00 out of 1.00

Variables in logic programming languages and imperative languages are same.

Select one:

○ True

◉ False ✔

The correct answer is 'False'.