Unit 5 - Week 3

Assignment 3

Due on 2020-02-15, 23:59:59 IST.

Week 3

1. Which of the following is a basic student math?
   a) List
   b) Eq
   c) If
   d) All of the above

2. Which of the following is a boolean expression?
   a) $x = 5$
   b) $x < 0$
   c) $x > 0$
   d) $x^2 + 2x + 1$

3. In a line specification file, "&" stands for
   a) A comma or a semicolon
   b) A line continuation
   c) A logical operator
   d) A function call

4. The preprocessor, expansion, and conversion:
   a) Preprocessor
   b) Expansion
   c) Conversion
   d) All of the above

5. Between HNS and UCH, which one has the potential to have more states in it?
   a) HNS
   b) UCH
   c) The number of states depends on the system
   d) Both have the same number of states

6. Which of the following is a true statement?
   a) DFA is deterministic
   b) NFA is non-deterministic
   c) Both are deterministic
   d) Both are non-deterministic

7. Which of the following has a move state transition?
   a) LAA
   b) TAA
   c) Both
   d) None

8. The preprocessor conversions:
   a) Preprocessor
   b) Expansion
   c) Conversion
   d) All of the above

9. Which of the following is a basic student math?
   a) $x = 5$
   b) $x < 0$
   c) $x > 0$
   d) $x^2 + 2x + 1$

10. Which among the following is a basic student math?
    a) $x = 5$
    b) $x < 0$
    c) $x > 0$
    d) $x^2 + 2x + 1$

11. Which among the following is a basic student math?
    a) $x = 5$
    b) $x < 0$
    c) $x > 0$
    d) $x^2 + 2x + 1$

12. Which among the following is a basic student math?
    a) $x = 5$
    b) $x < 0$
    c) $x > 0$
    d) $x^2 + 2x + 1$