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NORTH AMERICAN UNIVERSITY
INSPIRATION　INNOVATION　GLOBAL COMPETENCE

💬 🔔 **Islam Kamilov**

Dashboard 〉 My courses 〉 COMP 〉 COMP 3320.Programming Languages.2017SPR.s1 〉 20 February - 26 February 〉 Homework 6 (Slides: Ch4 - Part 1)

Started on	Wednesday, 22 February 2017, 11:04 PM
State	Finished
Completed on	Wednesday, 22 February 2017, 11:05 PM
Time taken	27 secs
Marks	4.00/4.00
Grade	**100.00** out of 100.00

Question 1   Correct   Mark 1.00 out of 1.00

Parsing algorithms that work for any unambigious grammar are complicated and inefficient. The complexity of those algorithms is _____.

Select one:

○   a. O(N)

○   b. O(log N)

○   c. $O(N^2)$

◉   d. $O(N^3)$ ✓

Your answer is correct.

The correct answer is: $O(N^3)$

Question 2   Correct   Mark 1.00 out of 1.00

There are three reasons why lexical analysis is separated from syntax analysis. Which one of the following is not one of them?

Select one:

○   a. Simplicity

◉   b. Cost ✓

○   c. Portability

○   d. Efficiency

Your answer is correct.

The correct answer is: Cost

Question 3   Correct   Mark 1.00 out of 1.00

A lexical analyzer is a pattern matcher.

Select one:

◉ True ✓

◯ False

The correct answer is 'True'.

Question 4   Correct   Mark 1.00 out of 1.00

Syntax analysis is often called parsing.

Select one:

◉ True ✓

◯ False

The correct answer is 'True'.