Take home Quiz-04

Due Feb 25 at 12pm **Points** 15 **Questions** 15 **Available** Feb 24 at 12pm - Feb 25 at 12pm 1 day **Time Limit** None

This quiz was locked Feb 25 at 12pm.

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	14 minutes	5 out of 15

Score for this quiz: **5** out of 15 Submitted Feb 25 at 11:06am This attempt took 14 minutes.

1. Upon the execution of a High-Level Languages (HLLs) subroutine code, at the callee side, the compiler writes the machine language code that builds subroutines' activation records (ARs). Du Answered True False

Question 2 0 / 1 pts

At the FORTRAN run-time stack, there will be an **Activation Record (**AR) for every procedure and function defined in the program.

	5. HLLs' Subroutines&Functions are tradeoff between losing efficiency (execution speed and memory space) and gaining abstraction, readability, and code maintainability.
Correct!	True
	○ False

Question 6 6. FORTRAN sometimes utilize static and other times adopts dynamic scoping for flexibility of the typing system to be more efficient. Du Answered True False

7. In FORTRAN, for efficiency, all subroutines local names might be accessed by other subroutines, but not the main program since they are not global. True False

	Question 8	0 / 1 pts			
	8. FORTRAN should have adopted the stack model of computation for maximum efficiency.				
ou Answered	True				
orrect Answer	○ False				
	Question 9	1 / 1 pts			
	9. FORTRAN is a clear example of a language went all the way for efficiency (memory space and execution time) sacrificing language security and power.				
Correct!	True				
	False				

Question 10 10. FORTRAN &Algol (covered in class) have built-in "true" Abstract Data Types (ADTs). orrect Answer

ou Answered False

Question 11

11. The FORTRAN's COMMON and C's UNION are similar facilities that might introduce security loophole to save memory.

True

True

False

Question 12

12. In a HLL code where the "caller" of any procedure is always its "definer" then the static (SL) and dynamic (DL) links will be always the same.

Correct!

False

Question 13 0 / 1 pts

13. According to the contour diagram definition of a HLL, the scope and environment of a code ("expressions, statements, etc") are the same in

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	case of the "caller" of any procedure is always its "defin	ner".
ou Answered	True	
orrect Answer	○ False	
	Question 14	0 / 1 pts
	Question 14	
	14. Compilers of dynamically not statically scoped HLL	s are involved in
	the dynamic type checking, at run time.	o are inverved in
	3, 31	
ou Answered	True	
orrect Answer	○ False	
	O I disc	
		4 / 4 mto
	Question 15	1 / 1 pts
	45.5	
	15. Dynamically and statically scoped HLLs are both se	ecure, yet not
	equally powerful,	
Correct!	True	
	○ False	

Quiz Score: 5 out of 15