

5.	True or False:	1/1 point
	Concurrency always results in some performance improvement.	
	○ True	
	False	
	Correct That's correct! Concurrency enables parallelism, but if parallel hardware is not present, speedup will not be achieved because multiple tasks cannot execute at the same time.	
6.	The type of a variable determines which of the following aspects of that	1/1 point
	variable? (Select ALL that are correct.)	
	Size in memory	
	Correct Correct! In declaring a variable's type, the programmer specifies the amount of memory that needs to be allocated for that variable.	
	Operations that can be performed on the variable	
	Correct Correct! The variable's type defines the nature of the variable along with the types of operations that can be performed on it.	
	The data that can be contained in the object	
	○ Correct Correct! The variable's type specifies the nature of the data that can be contained (for example, integer vs. floating point number).	
	☐ The number of characters in the variable's name	
7.	What is the name of the package from which an executable program is generated? fmt	1/1 point
	O os	
	init	
	main	
	⊙ Correct That's correct!	
8.	Which of the following is an example of a short variable declaration?	1/1 point
	O var x int =10	
	○ var x int	
	○ x=2.3	
	○ Correct That's correct!	