## Congratulations! You passed! Grade received 85.71% To pass 80% or higher Go to next item



	() O(N)	
	○ Correct     That's correct. There are 2 loops so every time the application runs, it must do N*N executions.	
4.	Given the following lines of code pseudocode:	1/1 point
	N = 37	
	FOR i = 1 TO N:	
	WHILE i < 10:	
	output(i*N)	
	O(n^2)	
	● O(N)	
	0(1)	
	Correct That's correct. The inner loop is only run a finite number of times that does not increase with N.	
5.	Given the following lines of code pseudocode;  N = 37  FOR i = 1 TO N:  WHILE i < 10:  Output(i*N)  O(n^2)  O(N)	1/1 point
	○ O(1)	
	Correct That's correct. The inner loop is only run a finite number of times that does not increase with N.	
6.	Given the following lines of code pseudocode:  N = 10  FOR i = 1 TO 5:	0 / 1 point
	FOR j = 1 TO i:	
	output(i*j)	

O(Log N)	
O(n^2)	
O(1)	
Incorrect Not quite. The execution of the code is not dependent on N so it will not use log when computing the complexity.	
Given the following lines of code pseudocode: output(N)	1 / 1 point
N = 7	
FOR i = 1 TO N:	
FOR $j = 1$ TO N:	
output(N)	
O(N)	
O(1)	
(n^2)	
○ Correct     That's correct. There are 2 loops so every time the application runs, it must do N*N executions.	

7.