

30 minutes INFO6205_Fall2018_Section...

Questio Stack	on - 1	SCORE: 5 points
Which of the following applications may use a stack?		
	A parentheses balancing program	
	Tracking of local variables at run time	
	Compiler Syntax Analyzer	
•	All of the mentioned	
Questio Stack, Qu	on - 2 Jeue, Bag, ArrayList	SCORE: 5 points
A data buffer is a region to temporarily store data while it is being moved from one place to another, Typically, the data is stored in a buffer as it is retrieved from an input device or just before it is sent to an output device. which of the following data structure is better in this situation?		
	Stack	
•	Queue	
	Bag	
	ArrayList	
Questio Stack	on - 3	SCORE: 5 points
The maximum number of parentheses that appear on the stack AT ANY ONE TIME when the algorithm analyzes: $(()(())(()))$ are:		
	1	
	2	
	3	
	4	
Question - 4 Bags		SCORE: 35 points

Implement Bags Data structure. Complete the code and run unit test.