<b>②</b>	Congratulations! You passed!	
	Grade received 80% To pass 80% or higher	
	Go to next item	
	Go to next item	
1.	You wish to store a list of grades for a class. Given the choice between a set and a list, which is the more appropriate data structure?	1/1 point
	List	
	C Either would do	
	○ Set	
	Correct Correct. A list will allow you to store repeating instances of data.	
	Correct. A list will allow you to store repeating instances of data.	
2.	In relation to data structures what does mutability mean?	1/1 point
	It means that it can be changed after it has been created.	
	O It relates to dynamic programming languages, and it can be passed as a variable to a function.	
	O It means that once an object is created it cannot be changed.	
	○ Correct     ☐ Corre	
	That's correct. It relates to the ability to be able to change a value after it has been instantiated.	
3.	LIFO and FILO mean the same thing?	1/1 point
	True	
	○ False	
	○ Correct	
	That's correct. FILO (First In Last Out) is another way of saying LIFO (Last in First Out).	
4.	Creating a class through the use of a capital T as below:	0 / 1 point
	Stack <t>, is an example of what?</t>	
	Encapsulation	
	○ Generics	

Incorrect Not quite! Immutability relates to the permanence of the object.	
On what type of data structure would one do a depth first search?	1 / 1 poin
Trees	
○ Lists	
○ Stacks	
Correct That's correct. A tree is a series of interconnected nodes that build under one root node. Doing a	

depth first search, is to follow one branch of nodes to the very deepest one.

Immutability

5.