4/5/22, 9:27 AM Quiz: Q5 (weeks 1-5)

Q5 (weeks 1-5)

① This is a preview of the published version of the quiz

Started: Apr 5 at 9:27am

Quiz Instructions

Question 1	0.2 pts
When implementing an object to be used like a Python set, what special menecessary?	thod is
in	
contains	
getitem	
lookup	
find	
<pre>brackets</pre>	
Question 2	0.2 pts
Suppose two distinct methods are called in the following snippet:	
obj1.drive(obj2) obj3.drive(obj4)	
What do you infer about the types involved?	
	When implementing an object to be used like a Python set, what special met necessary? inocontainsogetitemolookupofindobrackets Question 2 Suppose two distinct methods are called in the following snippet: obj1.drive(obj2)obj3.drive(obj4)

○ obj1 and obj2 are different types

4/5/22, 9:27 AM Quiz: Q5 (weeks 1-5)

○ obj1 and obj3 are different types	
○ obj2 and obj4 have the same type	
○ obj2 and obj4 are different types	
Question 3	0.2 p
If you forget to use a visited set when writing coosearching a graph with cycles?	de for DFS, what might happen whe
it might return False (no path found) even though a	path to the destination exists
○ there could be an exception	
it might return True (path found) even though no pa	ath to the destination exists
Question 4	0.2 p
How many children could a node in a binary tree	e possibly have? Check all that app
\cap 3	
<u>3</u>	
_ 2	
_ 2	

4/5/22, 9:27 AM Quiz: Q5 (weeks 1-5)

0.2 pts

Not saved

Submit Quiz