Quiz 07

Due Oct 21 at 12pm Points 10 Questions 10 Time Limit None	
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Instructions

There is no time limit, but you may only make one submission.

Attempt History

Atter	прс	Time	Score
LATEST Attem	<u>1pt 1</u>	29 minutes	10 out of 10

Score for this quiz: **10** out of 10 Submitted Oct 17 at 1:14am This attempt took 29 minutes.

1 / 1 pts
only to one end

Question 2 1 / 1 pts

Select an appropriate expression to complete the following code segment, which is designed to print a message if the string stored in name is part of the

Correct!

```
players collection.

Collection<String> players = new ArrayList<>();
    // code to add elements to the collection here

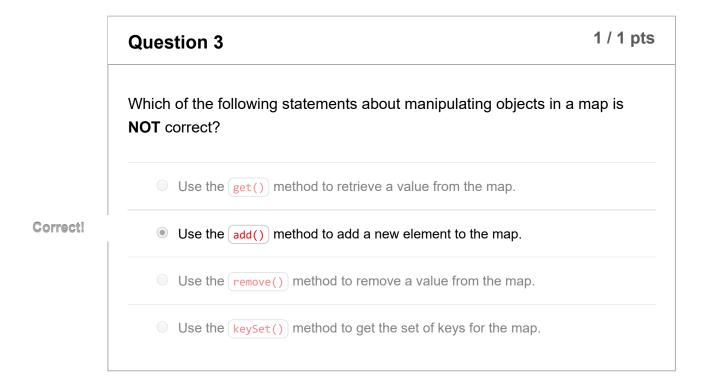
if ______
{
    System.out.print(name + " is one of the players in the collection.");
}

(players.equals(name))

(players.contains(name))

(players.indexOf(name))

(players.search(name))
```



Question 4 1 / 1 pts The term ____ is used in computer science to describe an access pattern in which the elements are accessed in arbitrary order.

	· · · · · · · · · · · · · · · · · · ·
Correct!	 sorted access
	sequential access
	random access
	arbitrary access

Question 5 1 / 1 pts Select an appropriate declaration to complete the following code segment, which is designed to read strings from standard input and display them in

increasing alphabetical order, excluding any duplicates.

Set<String> words = new TreeSet<>();

```
Scanner input = new Scanner(System.in);
while (input.hasNext())
{
    words.add(input.next());
}
System.out.print(words);

LinkedList<String> words = new LinkedList<>();

Set<String> words = new Set<>();
Set<String> words = new HashSet<>();
```

Correct!

```
Question 6 1 / 1 pts
```

Complete the following code, which is intended to print out all key/value pairs in a map named myMap that contains string data for student IDs and names:

Question 7 Rather than storing values in an array, a linked list uses a sequence of ____. indexes elements accessors nodes

```
Question 8

Which of the following statements about stacks is correct?

A stack implements first-in, first-out retrieval.
```

Correct!

Correct!

A stack stores elements in sorted order.

A stack implements last-in, first-out retrieval.

A stack implements random retrieval.

Question 9	1 / 1 pts				
Each nodes of a(n) linked list stores two links: one to the next element; and one to the previous element.					
singly					
randomly					
array					
• doubly					

Which of the following statements about the TreeSet class is NOT correct? To use a TreeSet, it must be possible to compare the elements. Elements are stored in sorted order. Elements are stored in nodes. Elements are arranged in linear fashion.

Quiz Score: 10 out of 10