Quiz 09

Due May 25 at 11:59pm   **Points** 10   **Questions** 10
Available until May 25 at 11:59pm   **Time Limit** None

Instructions

Answer the following questions.

Attempt History

	Attempt	Time	Score
LATEST	[Attempt 1](#)	10 minutes	10 out of 10

Score for this quiz: **10** out of 10
Submitted May 25 at 6:23pm
This attempt took 10 minutes.

Question 1   1 / 1 pts

How can you declare a pair of a string and a boolean, where the first component is **"hi"** and the second component is **true**.

○ pair p =pair("hi", true);

○ pair p = make_pair("hi", true);

Correct! ⦿ pair<string, bool> p = make_pair("hi", true);
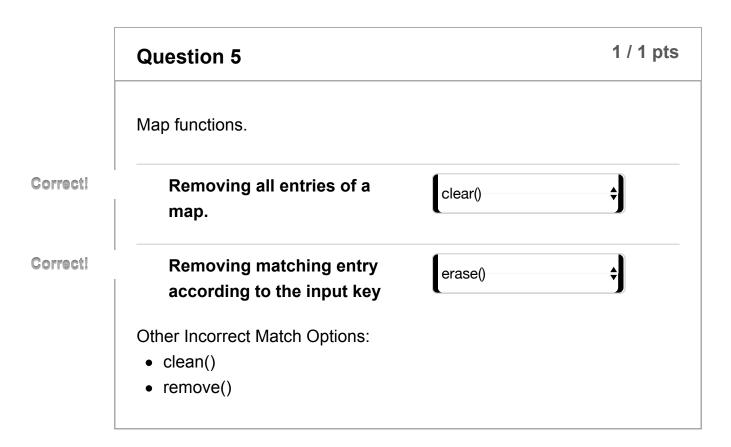
○ pair<string, bool> p = pair("hi", true);

Question 2

1 / 1 pts

How can you read the second component of a pair **p**?

Correct!

◉ p.second

○ p.second()

Question 3

1 / 1 pts

How can you declare a map, called **m**, from integers to strings (i.e., integers are keys and strings are values)?

○ map <string, int> m;

Correct!

◉ map <int, string> m;

Question 4

1 / 1 pts

In the previous question, how can you add a map from **5** to **"Carter"**?

○ m.insert("Carter", 5);

○ m.emplace("Carter", 5);

○ m.insert(5,"Carter");

Correct!

◉ m.emplace(5, "Carter");

Question 5   1 / 1 pts

Map functions.

Correct!

Removing all entries of a map.

| clear()   ▲▼ |

Correct!

Removing matching entry according to the input key

| erase()   ▲▼ |

Other Incorrect Match Options:
- clean()
- remove()

Question 6   1 / 1 pts

Consider some set of integers **s** containing {3, 7, 4, 9}.

What would be the return value of **s.insert(6)**?

Correct!

◉ Pair of iterator at 6, and boolean true

○ Pair of iterator at 6, and boolean false

○ false

○ true

Question 7   1 / 1 pts

Consider some set of integers **s** containing {3, 7, 4, 9}.

What would be the return value of **s.insert(4)**?

○ false

○ Pair of iterator at 4, and boolean true

Correct!   ◉ Pair of iterator at 4, and boolean false

○ true

Question 8   1 / 1 pts

Consider some set of integers **s** containing {3, 7, 4, 9}.

What would be the return value of **s.erase(4)**?

Correct!

◉ 1

○ Pair of iterator at 4, and boolean true

○ 0

○ Pair of iterator at 4, and boolean false

Question 9

1 / 1 pts

Consider some set of integers **s** containing {3, 7, 4, 9}.

What would be the return value of **s.erase(6)**?

○ Pair of iterator at 6, and boolean true

Correct!

◉ 0

○ Pair of iterator at 6, and boolean false

○ 1

Question 10

1 / 1 pts

Which function is used to check if an element exists in a set?

○ size()

○ exists()

Correct!   ◉ count()

Quiz Score: **10** out of 10