Congratulations! You passed!

Grade received 100% To pass 100% or higher

Go to next item

1. You are creating an application that collects information about the user's family tree. You begin typing the code: 1 / 1 point

```
siblings = []

fathersSiblings = input('How many siblings did your father have?')
siblings.append(fathersSiblings)
grandFathersSiblings = input('How many siblings did your grandfather have?')
siblings.append(grandFathersSiblings)
mothersSiblings = input('How many siblings did your mother have?')
siblings.append(mothersSiblings)
grandMothersSiblings = input('How many siblings did your grandmother have?')
siblings.append(grandMothersSiblings)
usersSiblings = input('How many siblings do you have?')
siblings.append(usersSiblings)
```

You need to refer to the user's number of siblings using the index of the data in the list. What should you use in your code?

- (•) siblings[4]
- ( ) siblings[5]
- ( ) siblings[3:5]
- ( ) siblings.index(usersSiblings)

Correct
Correct! List indexes start at 0. Since the user's number of siblings was the last item added of five items, it's index will be 4.

2. You are creating an application that collects information about the user's family tree. You begin typing the code: 1 / 1 point

```
siblings = []

fathersSiblings = input('How many siblings did your father have?')
siblings.append(fathersSiblings)
grandFathersSiblings = input('How many siblings did your grandfather have?')
siblings.append(grandFathersSiblings)
mothersSiblings = input('How many siblings did your mother have?')
siblings.append(mothersSiblings)
grandMothersSiblings = input('How many siblings did your grandmother have?')
siblings.append(grandMothersSiblings)
usersSiblings = input('How many siblings do you have?')
siblings.append(usersSiblings)
```

You need to find the index of which member of the family had the most siblings. What should you include in your code?

- (•) siblings.index(max(siblings))
- ( ) siblings.max(index(siblings))
- ( ) siblings.index(siblings.max())
- ( ) siblings.max(siblings.index(siblings))

Correct
Correct! When you use a while loop, the loop will continue until the condition is False. That would give the user unlimited chances to enter the correct password.