Questions

sequences-10-1: What will the output be for the following code?

let = "z"

let\_two = "p"

c = let\_two + let

m = c\*5

print(m)

Top of Form

A. zpzpzpzpzp  
B. zzzzzppppp  
C. pzpzpzpzpz  
D. pppppzzzzz  
E. None of the above, an error will occur.  
Check meCompare me

Bottom of Form

✔️ Yes, because let\_two was put before let, c has "pz" and then that is repeated five times.

Multiple Choice (assess\_question2\_1\_1\_1)

**Not yet graded**

Write a program that extracts the last three items in the list sports and assigns it to the variable last. Make sure to write your code so that it works no matter how many items are in the list.

Save & Run

6/23/2020, 6:46:14 PM - 3 of 3

Show in CodeLens



1

sports = ['cricket', 'football', 'volleyball', 'baseball', 'softball', 'track and field', 'curling', 'ping pong', 'hockey']

2

​

3

last = sports[len(sports)-3:]

4

​

ActiveCode (assess\_ac\_2\_1\_1\_2)

|  |  |  |  |
| --- | --- | --- | --- |
| **Result** | **Actual Value** | **Expected Value** | **Notes** |
| Pass | ['cur...key'] | ['cur...key'] | Testing that the value of last is the last three items in sports.  Expand Differences |
| Pass | <\_\_ma...ject> | True | Hardcode check  Expand Differences |

You passed: 100.0% of the tests

**Not yet graded**

Write code that combines the following variables so that the sentence “You are doing a great job, keep it up!” is assigned to the variable message. Do not edit the values assigned to by, az, io, or qy.

Save & Run

6/23/2020, 6:50:43 PM - 8 of 8

Show in CodeLens



1

by = "You are"

2

az = "doing a great "

3

io = "job"

4

qy = "keep it up!"

5

message = by+ " " + az+ io + ", "+qy

6

print(message )

7

​

You are doing a great job, keep it up!

ActiveCode (assess\_ac\_2\_1\_1\_3)

|  |  |  |  |
| --- | --- | --- | --- |
| **Result** | **Actual Value** | **Expected Value** | **Notes** |
| Pass | 'You are' | 'You are' | Testing original variables. |
| Pass | 'doing a great ' | 'doing a great ' | Testing original variables. |
| Pass | 'job' | 'job' | Testing original variables. |
| Pass | 'keep it up!' | 'keep it up!' | Testing original variables. |
| Pass | 'You a...t up!' | 'You a...t up!' | Testing that the value of message is what was expected.  Expand Differences |
| Pass | 'You a...t up!' | 'by = ...ge )\n' | Testing for hardcoding (Don't worry about actual and expected values).  Expand Differences |

You passed: 100.0% of the tests

**Not yet graded**

sequences-10-2: What will the output be for the following code?

ls = ['run', 'world', 'travel', 'lights', 'moon', 'baseball', 'sea']

new = ls[2:4]

print(new)

Top of Form

A. ['travel', 'lights', 'moon']  
B. ['world', 'travel', 'lights']  
C. ['travel', 'lights']  
D. ['world', 'travel']  
Check meCompare me

Bottom of Form

✔️ Yes, python is a zero-index based language and slices are inclusive of the first index and exclusive of the second.

Multiple Choice (assess\_question2\_1\_1\_4)

**Not yet graded**

sequences-10-3: What is the type of m?

l = ['w', '7', 0, 9]

m = l[1:2]

Top of Form

A. string  
B. integer  
C. float  
D. list  
Check meCompare me

Bottom of Form

✔️ Yes, a slice returns a list no matter how large the slice.

Multiple Choice (assess\_question2\_1\_1\_5)

**Not yet graded**

sequences-10-4: What is the type of m?

l = ['w', '7', 0, 9]

m = l[1]

Top of Form

A. string  
B. integer  
C. float  
D. list  
Check meCompare me

Bottom of Form

✔️ Yes, the quotes around the number mean that this is a string.

Multiple Choice (assess\_question2\_1\_1\_6)

**Not yet graded**

sequences-10-5: What is the type of x?

b = "My, what a lovely day"

x = b.split(',')

Top of Form

A. string  
B. integer  
C. float  
D. list  
Check meCompare me

Bottom of Form

✔️ Yes, the .split() method returns a list.

Multiple Choice (assess\_question2\_1\_1\_7)

**Not yet graded**

sequences-10-6: What is the type of a?

b = "My, what a lovely day"

x = b.split(',')

z = "".join(x)

y = z.split()

a = "".join(y)

Top of Form

A. string  
B. integer  
C. float  
D. list  
Check meCompare me

Bottom of Form

✔️ Yes, the string is split into a list, then joined back into a string, then split again, and finally joined back into a string.