



course_1_assessment_10

Due: 2018-11-25 01:24:00

Description: Assessment for Accumulating Lists and Strings lesson.

Score: 0 of 5 = 0.0%

Questions

seqmut-1-9: Which of these is the accumulator variable?

Not yet graded

```
byzo = 'hello world!'
c = 0
for x in byzo:
    z = x + "!"
    print(z)
    c = c + 1
```

- ☐ A. byzo
- ☐ B. x
- ☐ C. z
- ☒ D. c

Check me

Compare me

✓ Yes, this is the accumulator variable. By the end of the program, it will have a full count of how many items are in byzo.

Multiple Choice (assess_question5_1_1_1)

seqmut-1-10: Which of these is the sequence?

Not yet graded

```
cawdra = ['candy', 'daisy', 'pear', 'peach', 'gem', 'crown']
t = 0
for elem in cawdra:
    t = t + len(elem)
```

- ☒ A. cawdra
- ☐ B. elem
- ☐ C. t

Check me

Compare me

✓ Yes, this is the sequence that we iterate over.

Multiple Choice (assess_question5_1_1_2)

seqmut-1-11: Which of these is the iterator (loop) variable?

Not yet graded

```
lst = [5, 10, 3, 8, 94, 2, 4, 9]
num = 0
for item in lst:
    num += item
```

- ☒ A. item
- ☐ B. lst
- ☐ C. num

Check me

Compare me

✓ Yes, this is the iterator variable. It changes each time but is not the whole sequence itself.

Multiple Choice (assess_question5_1_1_3)

seqmut-1-12: What is the iterator (loop) variable in the following?

Not yet graded

```
rest = ["sleep", 'dormin', 'dormire', "slaap", 'sen', 'yuxu', 'yanam']
let = ''
for phrase in rest:
    let += phrase[0]
```

The iterator variable is

Check me

Compare me

Good work!

Fill in the Blank (assess_question5_1_1_4)

Not yet graded

Currently there is a string called `str1`. Write code to create a list called `chars` which should contain the

characters from `str1`. Each character in `str1` should be its own element in the list `chars`.

Save & Run

5/13/2021, 4:47:00 PM - 5 of 5

Show in CodeLens

```
1 str1 = "I love python"
2 # HINT: what's the accumulator? That should go here.
3 chars = []
4 for i in str1:
5     chars.append(i)
6
```

ActiveCode (assess_week5_01)

Result	Actual Value	Expected Value	Notes
Pass	['I',..., 'n']	['I',..., 'n']	Testing that chars is assigned the correct value.

Expand Differences

You passed: 100.0% of the tests

Score Me