

# course\_1\_assessment\_10

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

Description: Assessment for Accumulating Lists and Strings lesson. Score: 5.0 of 5 = 100.0%

## Questions

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

Score: 1.0 / 1

Comment: autograded

```
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?

Score: 1.0 / 1

Comment: autograded

```
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?

Score: 1.0 / 1

Comment: autograded

```
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?

Score: 1.0 / 1

Comment: autograded

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

The iterator variable is

phrase

Check me

Compare me

Good work!

## Fill in the Blank (assess\_question5\_1\_1\_4)

Score: 1.0 / 1

Comment: autograded

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`.