

## Repetition (Looping) in Python Knowledge Check 1



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Time taken (minutes)	0 hour(s) 2 minutes
Grade:	4 out of a maximum of 4 (100%)

### Introduction to Computational Thinking

College of Engineering

## Repetition (Looping) in Python Knowledge Check 1

Let us have a quick check on what you have grasped from the video that you have just watched. Answer the questions given below.

### 1. Question 1

**True or False: While statement allows repetition of a suite in Python codes as long as the condition, which is a Boolean expression, is False. \***

Answer:

✘ ☐ True

✔ ☒ False

**Correct answer: False**

While statement allows repetition of a suite in Python codes as long as the condition, which is a Boolean expression, is True.

**Note: If you failed to get the correct answer, please revisit the video lecture.**

Marks for this submission: 1/1.

### 2. Question 3

**Which of the following is TRUE about the given Python Code? \***



## Python Code

```
count = 7
while count < 15:
    count = count + 1
print("count= ", count, end=" ")
```

Choose one of the following answers.

- ✓ ☒ The loop will be false when count = 15.
- ☐ The loop will be repeated 7 times.
- ☐ The loop will stop when count = 7.
- ☐ The loop will not end.

**Correct answer: The loop will be false when count = 15.**

**Note: If you failed to get the correct answer, please revisit the video lecture.**

Marks for this submission: 1/1.

### 3. Question 4

**True or False. While loop is useful for the purpose of repeatedly asking the user for an input until the input fulfills the requirement. \***

Answer:

- ✓ ☒ True
- ✗ ☐ False

**Correct answer: True**

**Note: If you failed to get the correct answer**

Marks for this submission: 1/1.

### 4. Question 2

**Which of the following is the correct while-syntax in Python? \***

Choose one of the following answers.



```
while <boolean expression>
    Suite (one or more statements)
```



```
while <boolean expression>:  
    Suite (one or more statements)
```



```
while <boolean expression>  
Suite (one or more statements)
```



```
while <boolean expression>:  
Suite (one or more statements)
```

**Correct Answer:**

```
while <boolean expression>:  
    Suite (one or more statements)
```

**Note: If you failed to get the correct answer, please revisit the video lecture.**

Marks for this submission: 1/1.

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