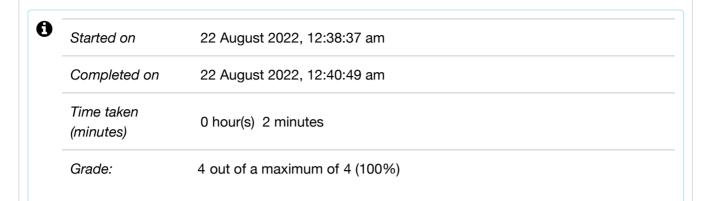
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## Repetition (Looping) in Python Knowledge Check 1



# 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?

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```
Python Code

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

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

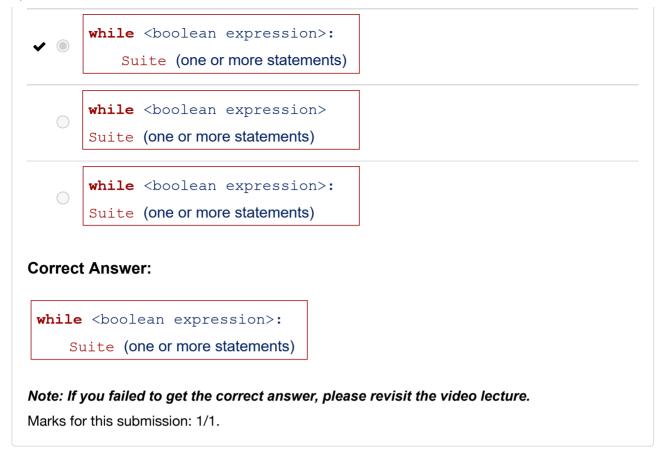
Which of the following is the correct while-syntax in Python?

\*

Choose one of the following answers.

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

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Next Activity **•**