

# Demo Questions

## PYTHON INSTITUTE PCAP-31-02 Exam

Certified Associate in Python Programming

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### Question #1 *Topic 1*

What will be the value of the i variable when the while e loop finishes its execution?

```
i=0
while i !=0:
    i=i-1
else:
    i=i+1
```

- A. 1
- B. 0
- C. 2
- D. the variable becomes unavailable

Correct Answer: A

Your Code ...

```
1 i=0
2 while i !=0:
3     i=i-1
4 else:
5     i=i+1
6 print(i)
7
```

CommandLine Arguments ...

Stdin Inputs...

Result...

CPU Time: 0.00 sec(s), Memory: 6564 kilobyte(s)

```
1
```

### Question #2Topic 1

And operator able to perform bitwise shifts is coded as (Select two answers)

- A. --
- B. ++
- C. <<
- D. >>

**Correct Answer:** *CD*

Reference:

<https://www.geeksforgeeks.org/basic-operators-python/>

**Question #3***Topic 1*

What will the value of the i variable be when the following loop finishes its execution?

```
for i in range (10):  
    pass
```

- A. 10
- B. the variable becomes unavailable
- C. 11
- D. 9

**Correct Answer:** *B*

Reference:

<https://www.programiz.com/python-programming/pass-statement>

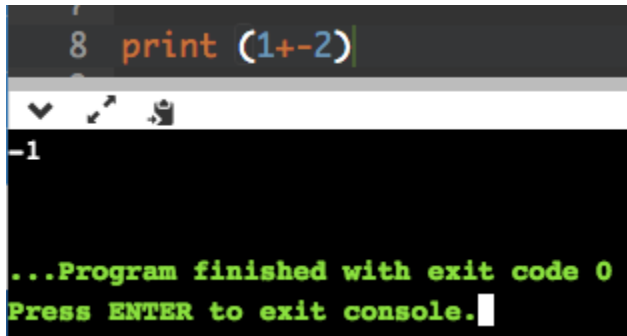
**Question #4***Topic 1*

The following expression -

$1+-2$  is:

- A. equal to 1
- B. invalid
- C. equal to 2
- D. equal to -1

Correct Answer: *D*



```
8 print (1+-2)
-1
...Program finished with exit code 0
Press ENTER to exit console.
```

**Question #5** *Topic 1*

A compiler is a program designed to (Select two answers)

- A. rearrange the source code to make it clearer
- B. check the source code in order to see if it's correct
- C. execute the source code
- D. translate the source code into machine code

Correct Answer: *BC*