FORMATIVE ASSESSMENT 3 -ITLPA701: PYTHON AND FUNDAMENTALS OF AI

Total points   18/20   **?**

LEARNING UNIT 3 – DEVELOP PYTHON SCRIPT
Evaluation of student performance

The respondent's email (**eliecyiza424@gmail.com**) was recorded on submission of this form.

0 of 0 points

Date *

MM   DD   YYYY

02 / 14 / 2025

REGISTRATION NUMBER *

22RP05056

LEVEL *

◉ REQF Level 7 Year 3 IT

SECTOR *

◉ ICT

Semester *

◉ 1

SUB-SECTOR *

◉ IT

Academic year *

◉ 2024-2025

NAMES *

HABUMUGISHA ICYIZA Elie

Answer the question carefully   18 of 20 points

✓ Which of the following is used to define a function in Python? *   2/2

○ function

◉ def   ✓

○ define

○ func

✓ **What is the output of the following Python code?** *   2/2

```
x = 10
y = 5
print(x+y)
```

○ 5

○ 10

◉ 15   ✓

○ 20

✓ **What is the output of the following code?** *   2/2

```
fruits = ["apple", "banana", "cherry"]
print(fruits[-1])
```

○ apple

○ banana

◉ cherry   ✓

○ Error

✓ **Which operator is used to perform floor division in Python?** *   2/2

○ /

◉ //   ✓

○ %

○ **

✓ **Which of the following is a logical operator in Python?** *   2/2

○ +

◉ and   ✓

○ &&

○ ==

○ IN

✓ Which method is used to add an item to the end of a list? *   2/2

○ A) insert()

◉ B) append()   ✓
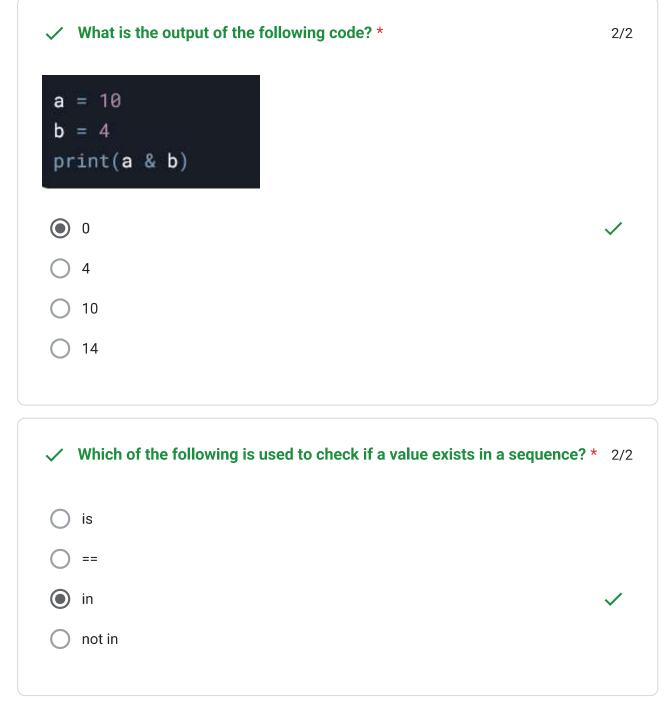
○ C) add()

○ D) extend()

✕ **What is the output of the following code?** * 0/2

```
x = 10
y = 20
print("x is greater") if x > y else print("y is greater")
```

◉ x is greater ✕

○ y is greater

○ 10

○ 20

✓ **What does the following comparison operator check?** * 2/2

```
x != y
```

○ x is equal to y

◉ x is not equal to y ✓

○ x is greater than y

○ x is less than y

✓ **What is the output of the following code?** * 2/2

```
a = 10
b = 4
print(a & b)
```

⦿ 0 ✓

◯ 4

◯ 10

◯ 14

✓ **Which of the following is used to check if a value exists in a sequence?** * 2/2

◯ is

◯ ==

⦿ in ✓

◯ not in

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