Congratulations! You passed!

Grade received 97.50%

Weekly challenge 3

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To pass 80% or higher

Go to next item

Quiz • 50 min

Review Learning Objectives

1. What is the output of the following code? **1 / 1 point**

```
print(len("l25"))
```

- 10
- 8
- 3
- 5

Correct

2. Which line of code returns a copy of the string `"HG91AB2"` as `"hg91ab2"`? **1 / 1 point**

- `print("HG91AB2".lower())`
- `print(lower."HG91AB2"())`
- `print("HG91AB2"(lower))`
- `print(lower("HG91AB2"))`

Correct

3. What is the index of the character `"c"` in the string `"encryption"`? **1 / 1 point**

- 2
- 1
- 4
- 3

Correct

4. You need to take a slice from a network ID. Specifically, you must extract the characters with indices of **6** through **10**. Complete the Python code to take this slice and display it. (If you want to undo your changes to the code, you can click the Reset button.) **1 / 1 point**

```
1  network_id = "l693m585n528"
2  print(network_id[6:11])
```

Run

Reset

```
85n52
```

What string does the code output?

- `"5n528"`
- `"585n5"`
- `"85n52"`
- `"m585n"`

Correct

5. What is the output of the following code? **1 / 1 point**

```
username_list  = ["elarson", "bmoreno", "tshah"]

device_id_list = ["us2c0R5", "2R78TBR", "bt3MIEz"]

print(username_list + device_id_list)
```

- `["elarson", "us2c0R5", "bmoreno", "2R78TBR", "tshah", "bt3MIEz"]`
- `["elarson", "bmoreno", "tshah", "us2c0R5", "2R78TBR", "bt3MIEz"]`
- An error message
- `["us2c0R5", "2R78TBR", "bt3MIEz", "elarson", "bmoreno", "tshah"]`

Correct

6. A variable named `my_list` contains the list `[1,2,3,4]`. Which line of code adds the element **5** to the end of the list? **1 / 1 point**

- `my_list.insert(5)`
- `my_list.insert(5,4)`
- `my_list.insert(5,5)`
- `my_list.insert(4,5)`

Correct

7. What is an algorithm? **1 / 1 point**

- A function that finds matches to a pattern
- A set of guidelines to keep code consistent
- A set of rules to solve a problem
- A function that returns information

Correct

8. Which of the following strings match with the regular expression pattern of `"\w"`? Select all that apply. **0.75 / 1 point**

- [x] `"W"`

Correct

- [ ] `"1B"`
- [ ] `"2"`
- [ ] `"security"`

You didn't select all the correct answers

9. You have imported the `re` module into Python with the code `import re`. Which code searches the `device_ids` string variable for a pattern of `"r15\w+"`? **0 / 1 point**

- `re.findall(device_ids, "r15\w+")`
- `re.findall("r15\w+", device_ids)`
- `findall(device_ids, "r15\w+")`
- `findall("r15\w+", device_ids)`

Incorrect
Please review the video on regular expressions.

10. Which method adds input to the end of a list? **1 / 1 point**

- `.append()`
- `.lower()`
- `.index()`
- `.insert()`

Correct