

Working with strings

Work with lists and develop algorithms

Regular expressions

Review: Work with strings and lists

Video: Wrap-up

1 min

Reading: Glossary terms from week 3

10 min

Quiz: Weekly challenge 3

10 questions

🎉 Congratulations! You passed!

Grade received 80%

Quiz • 50 min

Latest Submission

Grade 80%

To pass 80% or higher

Go to next item

Review Learning Objectives

1. Which line of code returns the number of characters in the string assigned to the `username` variable?

1 / 1 point

- ☐ `print (username)`
- ☐ `print (len(username) + 08)`
- ☒ `print (len(username))`
- ☐ `print (username + len())`

👍 Correct To Pass 80% or higher

2. What is the result when `.upper()` is applied to a string?

1 / 1 point

- ☐ The value of the string is reassigned to the value of the string in the line preceding it.
- ☐ The value of the string is reassigned to contain all uppercase letters.
- ☐ The character that appears most frequently in the string is extracted from it and returned.
- ☒ A copy of the string is returned with all uppercase letters.

👍 Correct

3. What is the index of the character `"4"` in the string `"h204D3921"`?

0 / 1 point

- ☐ 5
- ☐ 3
- ☒ 4
- ☐ 2

❌ Incorrect Please review [the video on indices and slices](#) ↗.

4. You need to take a slice from an employee ID. Specifically, you must extract the characters with indices of 3, 4, 5, and 6. 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.)

0 / 1 point

```
1 employee_id = "w237x430y567"
2 print(### YOUR CODE HERE ###)
```

Run

Reset

What string does the code output?

- ☒ `"237x"`
- ☐ `"37x4"`
- ☐ `"7x43"`
- ☐ `"x430"`

❌ Incorrect Please review [the video on indices and slices](#) ↗.

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

👍 Correct

6. A variable named `my_list` contains the list `[1, 2, 3, 4]`. Which line of code removes the last element in the list?

1 / 1 point

- ☒ `my_list.remove(4)`
- ☐ `remove(my_list, 3)`
- ☐ `my_list.remove(3)`
- ☐ `remove(my_list, 4)`

👍 Correct

7. Fill in the blank: A(n) _____ is a set of rules to solve a problem.

1 / 1 point

- ☐ index
- ☐ regular expression
- ☐ append
- ☒ algorithm

👍 Correct

8. What does the `\w` symbol match to in a regular expression?

1 / 1 point

- ☒ Any alphanumeric character
- ☐ Any letter
- ☐ Any character and symbol
- ☐ Any number

👍 Correct

9. What does the `re.findall()` function return?

1 / 1 point

- ☐ All occurrences of the pattern `"re"` in a given string
- ☒ A list of all matches to a regular expression in a given string
- ☐ All possible regular expressions that match to a given string
- ☐ The first match to a regular expression in a given string

👍 Correct

10. Which method adds input to the end of a list?

1 / 1 point

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

👍 Correct