

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 90%

Latest Submission

Weekly challenge 3

To pass 80% or higher

Quiz • 50 min

Go to next item

Review Learning Objectives

1. Which line of code converts the integer 7 to a string?

1 / 1 point

- ☐ `string`
- ☐ `string 7`
- ☐ `str ("7")`
- ☒ `str (7)`

Submit your assignment

Jun 25, 11:59 PM +08

Attempts 3 every 24 hours

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Your grade

90%

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2. Which line of code turns `upper` into the string `"BMORENO"`?

1 / 1 point

- ☐ `print (upper. "bmoreno" ())`
- ☒ `print ("bmoreno". upper ())`
- ☐ `print ("bmoreno" (upper))`
- ☐ `print (upper ("bmoreno"))`

Correct

3. What is the index of the character "e" in the string "encryption"?

1 / 1 point

- ☐ 4
- ☒ 2
- ☐ 1
- ☐ 3

Correct

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.)

1 / 1 point

```
1 employee_id = "w237x438y567"
2 print(employee_id[3:7])
```

Run

Reset

7x43

What string does the code output?

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

Correct

5. Which code joins a list of `new_users` to a list of `approved_users` and assigns the value to a third variable named `users`?

1 / 1 point

- ☐ `users = insert(new_users, approved_users)`
- ☐ `users (new_users, approved_users)`
- ☒ `users = new_users + approved_users`
- ☐ `users (new_users [1], approved_users [2])`

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?

0 / 1 point

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

Incorrect

Please review [the video on list operations](#).

7. Fill in the blank: Determining that you need to use string slicing and a `for` loop to extract information from items in a list is part of creating a(n) ____.

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

Correct

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+"`?

1 / 1 point

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

Correct

10. What does the code `device_ids.append ("h32zb17")` do?

1 / 1 point

- ☒ Adds "h32zb17" to the end of the `device_ids` list
- ☐ Inserts "h32zb17" at the beginning of the `device_ids` list
- ☐ Updates all instances of "h32zb17" in the `device_ids` list to uppercase letters
- ☐ Returns all matches to the pattern "h32zb17" in the `device_ids` list

Correct