

Question 1

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

`string("7")`

`string(7)`

`str("7")`

`str(7)`

Correct

Question 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

Question 3

What is the index of the character "c" in the string "encryption"? 1 / 1 point

4

2

3

1

Correct

Question 4

You need to take a slice from a device ID. Specifically, you must extract the characters with indices of 8, 9, and 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.)

```
device_id = "u899v381w363"
```

```
print(device_id[8:11])
```

What string does the code output?

1 / 1 point

`"w36"`

`"1w3"`

`"81w"`

`"363"`

Correct

Question 5

What is the output of the following code?

```
username_list = ["elarson", "bmoreno", "tshah"]  
device_id_list = ["us2c0R5", "2R78TBR", "bt3MIEz"]  
print(username_list + device_id_list)
```

1 / 1 point

["us2c0R5", "2R78TBR", "bt3MIEz", "elarson", "bmoreno", "tshah"]
["elarson", "bmoreno", "tshah", "us2c0R5", "2R78TBR", "bt3MIEz"]
["elarson", "us2c0R5", "bmoreno", "2R78TBR", "tshah", "bt3MIEz"]

An error message

Correct

Question 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(5,5)
my_list.insert(4,5)
my_list.insert(5)
my_list.insert(5,4)

Correct

Question 7

Fill in the blank: A(n) _____ is a set of rules to solve a problem. 1 / 1 point

append

index

algorithm

regular expression

Correct

Question 8

Which of the following strings would Python return as matches to the regular expression of "\w+"?

Select all that apply. 1 / 1 point

"9210"

Correct

"email123"

Correct

"network"

Correct

"email@email.com"

Question 9

What module do you need to import to use regular expressions in Python? 1 / 1 point

os

re

time

csv

Correct

Question 10

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

.append()

.insert()

.lower()

.index()

Correct