Code Knowledge Check

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Let's test out your code skillz 👾

Results

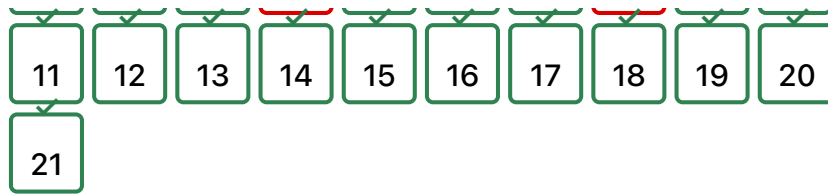19 of 21 Questions answered correctly

YOUR TIME:

00:20:15

You have reached 19 of 21 point(s), (90.48%)

Restart Quiz   View Questions

Continue

What is the output of this code?

```
text = "Python is fun"
print(text.replace("fun", "awesome").upper())
```

python is awesome

FUN AWESOME

PYTHON is AWESOME

✓ PYTHON IS AWESOME   **Correct**

Correct

What is the output of this code?

```
words = ["banana", "apple", "cherry"]
```

```
words.sort(key=lambda x: len(x))
print(words)
```

['banana', 'apple', 'cherry']

Error

✓ ['apple', 'cherry', 'banana']   **Correct**

['cherry', 'banana', 'apple']

Correct

What is the output of this code?

```
data = {'name': 'Alice', 'age': 25, 'city': 'New
York'}

for key, value in data.items():
    print(key, value)
```

Error

Alice 25 New York

name age city

✓ name Alice, age 25, city New York   **Correct**

What is the output of this code?

```python
x = 5

def change_x():
    x = 10

change_x()
print(x)
```

Correct answer

5

Error

Incorrect

✕ 10

None

What is the output of this code?

```python
numbers = [3, 6, 9, 12]
print(numbers[-2])
```

3

Correct

✓ 9

12

6

What is the output of this code?

```
try:
    x = 1 / 0
except ZeroDivisionError:
    print("Error!")
finally:
    print("Done")
```

Error!

Done

Correct

✓ Error! Done

Nothing, the program crashes

What is the output of this code?

```
words = ["chicken", "egg"]
```

```
words.sort()

print(words)
```

['egg', 'chicken']

✓ ['chicken', 'egg']   **Correct**

Correct

What is the output of this code?

```
for i in range(3):
    if i == 1:
        continue
    print(i)
```

0 2   **Correct answer**

0

✗ 0 1 2   **Incorrect**

1 2

Incorrect

What is the output of this code?

```
x = 7

if x > 5:
    if x < 10:
        print("Are you gonna pick me?")
    else:
        print("No, no. Pick me!")
else:
    print("Definitely don't pick me")
```

| ✓ | Are you gonna pick me? | **Correct** |

No, no. Pick me!

Definitely don't pick me

Error

Correct

What is the output of this code?

```
nums = [0, 1, 2, 3, 4, 5, 6]
print(nums[1:6:2])
```

[2, 4, 6]

[1, 2, 3, 4, 5, 6]

[1, 2, 3]

✓   [1, 3, 5]

Correct

What is the output of this code?

```
count = 0

while count < 5:
    print(count)
    if count == 2:
        break
    count += 1
```

0 1 2 3 4

0 1

Infinite loop

✓   0 1 2   **Correct**

Correct

What is the output of this code?

```
def my_func():
    return 1, 2, 3


x, y, z = my_func()
```

```
print(y)
```

1

✓ 2   **Correct**

3

Error

Correct

What is the output of this code?

```
my_dict = {'a': 1, 'b': 2, 'c': 3}
print(my_dict.get('d', 4))
```

1

3

✓ 4   **Correct**

2

Correct

What is the output of this code?

```
x = True
y = False
print(x and not y)
```

False

Error

None

✓ True **Correct**

Correct

What is the output of this code?

```
def add(x, y):
    return x + y

print(add(3, "4"))
```

7

ValueError

"34"

Correct

What is the output of this code?

```
text = "Hello, World!"
print(text[7:12])
```

Worl

orld!

✓   World   **Correct**

, Wor

Correct

What is the output of this code?

```
def greet(name="Guest"):
    print("Hello,", name)


greet()
```

Hello, name

AttributeError

Hello,

Hello, Guest ✓ **Correct**

Correct

What is the output of this code?

```
nums = [1, 2, 3, 4, 5]
new_list = [x**2 for x in nums if x % 2 == 0]
print(new_list)
```

✓ [4, 16] **Correct**

[2, 4]

[1, 4, 9, 16, 25]

[1, 9, 25]

Correct

What is the output of this code?

```
a, b, c = (5, 10, 15)
```

```
print(b)
```

15

5

Error

✓ 10

Correct

Correct

What is the output of this code?

```
a = {1, 2, 3}
b = {3, 4, 5}
print(a & b)
```

{1, 2, 3, 4, 5}

✓ {3}

Correct

{1, 2}

{4, 5}

Correct

What is the output of this code?

```
def modify_list(lst):
    lst.append(4)


nums = [1, 2, 3]
nums2 = (1, 2, 3)
modify_list(nums2)
print(nums)
```

[1, 2, 3, 4]

✓ AttributeError   **Correct**

[4]

[1, 2, 3]

Correct