

Miles Shinsato

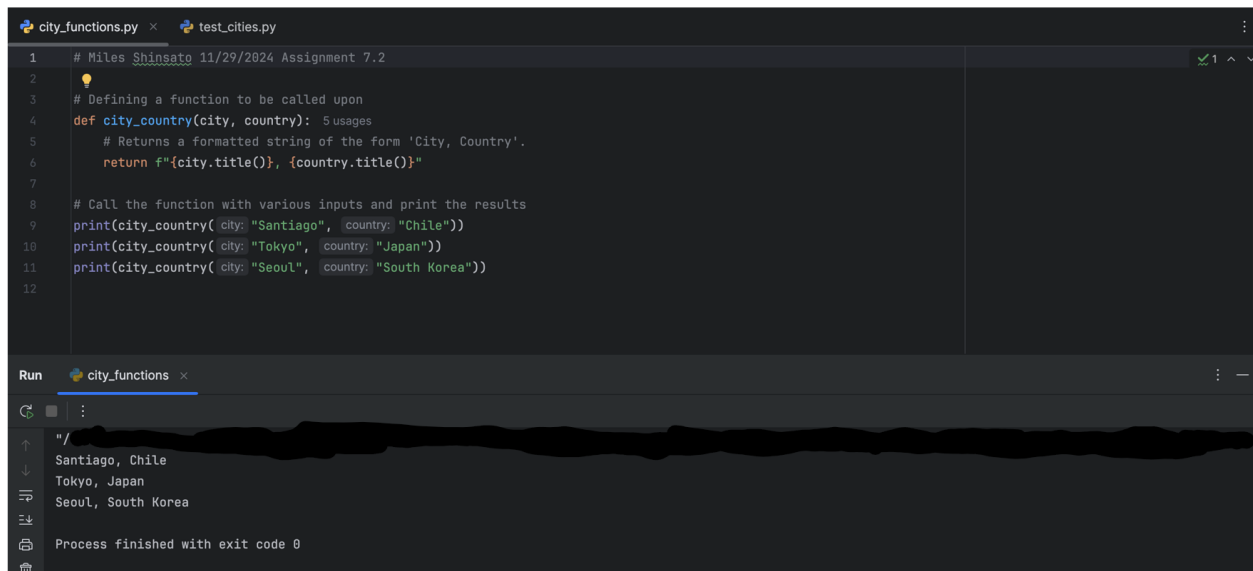
11/30/2024

Assignment 7.2 Test Cases

CSD325-A339

# Assignment 7.2 Test Cases

## 1<sup>st</sup> Screenshot (Initial of City\_Functions.py)

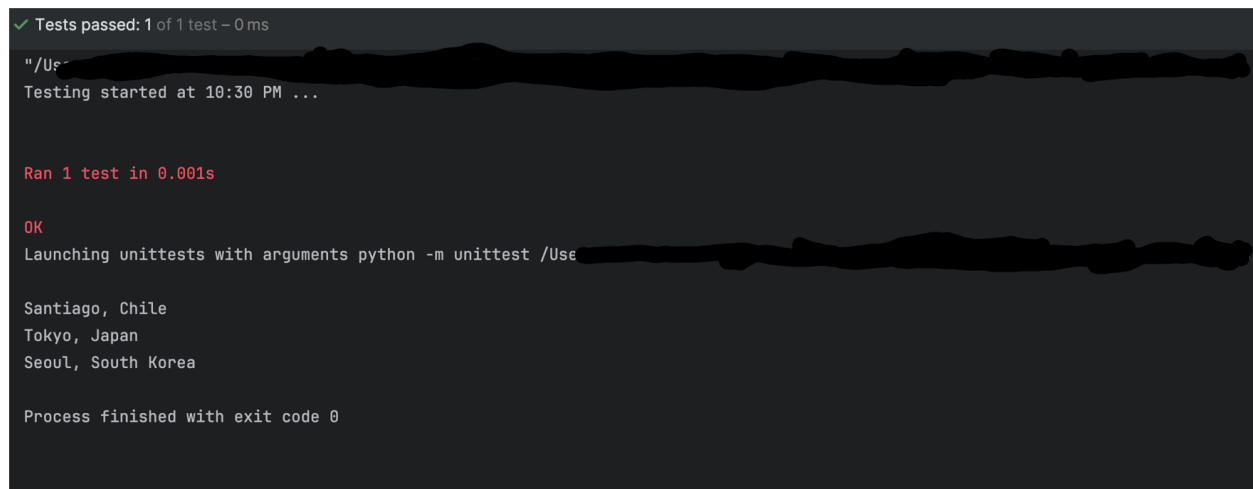


```
city_functions.py × test_cities.py
1 # Miles Shinsato 11/29/2024 Assignment 7.2
2
3 # Defining a function to be called upon
4 def city_country(city, country):
5     # Returns a formatted string of the form 'City, Country'.
6     return f"{city.title()}, {country.title()}"
7
8 # Call the function with various inputs and print the results
9 print(city_country(city="Santiago", country="Chile"))
10 print(city_country(city="Tokyo", country="Japan"))
11 print(city_country(city="Seoul", country="South Korea"))
12
```

Run city\_functions ×

"/  
Santiago, Chile  
Tokyo, Japan  
Seoul, South Korea  
Process finished with exit code 0

## 2<sup>nd</sup> Screenshot (Initial of Test\_Cities.py)



```
✓ Tests passed: 1 of 1 test - 0 ms
"/Use-
Testing started at 10:30 PM ...

Ran 1 test in 0.001s

OK
Launching unittests with arguments python -m unittest /Use-

Santiago, Chile
Tokyo, Japan
Seoul, South Korea

Process finished with exit code 0
```

### 3<sup>rd</sup> Screenshot (Test\_Cities.py Fail After Adding Population)

```
⚠ Tests failed: 1 of 1 test - 3 ms

Testing started at 10:39 PM ...
Launching unittests with arguments python -m unittest /Us[REDACTED]

Santiago, Chile - Population: 5000000
Tokyo, Japan - Population: 9733000
Seoul, South Korea - Population: 9411000

Ran 1 test in 0.003s

FAILED (errors=1)

Error
Traceback (most recent call last):
  File "/[REDACTED]", line 1, in <module>
    formatted = city_country("santiago", "chile")
                ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
TypeError: city_country() missing 1 required positional argument: 'population'

Process finished with exit code 1
```

### 4<sup>th</sup> Screenshot (Test\_Cities.py Pass After Adding Population)

```
✓ Tests passed: 1 of 1 test - 0 ms

"/Us[REDACTED]
Testing started at 10:44 PM ...

Ran 1 test in 0.001s

OK
Launching unittests with arguments python -m unittest /Us[REDACTED]

Santiago, Chile- Population: 5000000
Tokyo, Japan- Population: 9733000
Seoul, South Korea- Population: 9411000

Process finished with exit code 0
```

## 5<sup>th</sup> Screenshot (Test\_Cities.py Fail After Adding Language)

```
✖ Tests failed: 1 of 1 test - 3 ms
"/Users/...
Testing started at 4:17 PM ...

Ran 1 test in 0.004s

FAILED (errors=1)
Launching unittests with arguments python -m unittest /Users/...

Santiago, Chile- Population: 5000000, Spanish
Tokyo, Japan- Population: 9733000, Japanese
Seoul, South Korea- Population: 9411000, Korean

Error
Traceback (most recent call last):
  File "/Us...
    formatted = city_country("santiago", "chile")
                ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
  File "/Us...
    result += f", {language.title()}"
                ^^^^^^^^^^^^^^^^^
AttributeError: 'NoneType' object has no attribute 'title'

Process finished with exit code 1
```

## 6<sup>th</sup> Screenshot (Test\_Cities.py Pass After Adding Language)

```
✔ Tests passed: 1 of 1 test - 0 ms
"/Users/...
Testing started at 4:20 PM ...
Launching unittests with arguments python -m unittest /Users/~...

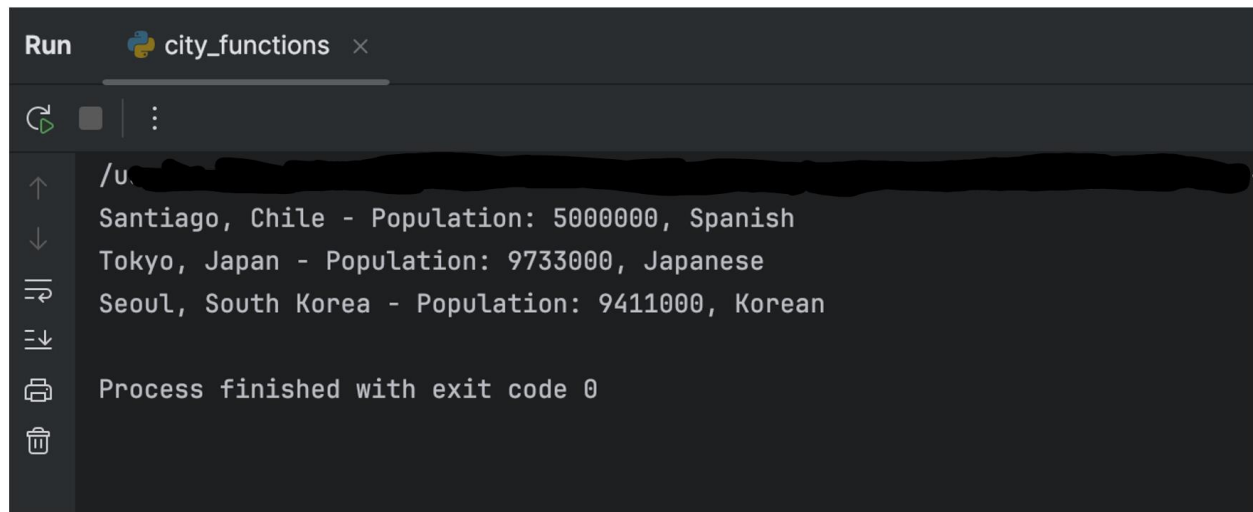
Santiago, Chile- Population: 5000000, Spanish
Tokyo, Japan- Population: 9733000, Japanese
Seoul, South Korea- Population: 9411000, Korean

Ran 1 test in 0.001s

OK

Process finished with exit code 0
```

## 7<sup>th</sup> Screenshot (Final Screenshot of City\_Functions.py)



The screenshot shows a Jupyter Notebook terminal window titled "Run" with a tab for "city\_functions". The terminal output displays the results of a function call, showing the population and language for three cities: Santiago, Chile; Tokyo, Japan; and Seoul, South Korea. The process finished with exit code 0.

```
Run city_functions x
/u/
Santiago, Chile - Population: 5000000, Spanish
Tokyo, Japan - Population: 9733000, Japanese
Seoul, South Korea - Population: 9411000, Korean
Process finished with exit code 0
```