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Using: new_callable

The `new_callable` keyword argument of the `patch` callable specifies a callable to replace the default `unittest.mock.MagicMock` callable. The `patch` callable calls the `new_callable` and uses the return value as the replacement object.

```
1 from io import StringIO
2 from unittest.mock import patch
3 def greeter(name: str):
4     ''' A function used to demonstrate the use of the patch cal
5     print(f'Hello, {name}')
6 # StringIO is an in-memory text stream that can replace standar
7 # https://docs.python.org/3.9/library/io.html#io.StringIO
8 with patch(f'sys.stdout', new_callable=StringIO) as stdout_mock
9     ''' The keyword argument 'new_callable' replaces the default
10    greeter('World')
11    # stdout_mock is a StringIO object containing the text that
12    assert stdout_mock.getvalue() == 'Hello, World\n' # \n is a
13    #####
14    print('No assertion errors')
15
```

Instructions

1. Arrange the `playground.py` file to match the code above.
2. Run `playground.py` in the IDEs terminal pane.

```
1 python3 ccloudacademy/playground.py
```

```
No assertion errors
```

Proceed to the next step

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