```
FAIL: test_fail_1 (__main__.TestCase)

Traceback (most recent call last):
   File "test_leap.py", line 15, in test_fail_1
        self.assertEqual(leap.leap_year(1999), 1)

AssertionError: 0 != 1

FAIL: test_fail_2 (__main__.TestCase)

Traceback (most recent call last):
   File "test_leap.py", line 17, in test_fail_2
        self.assertEqual(leap.leap_year(2016), 0)

AssertionError: 1 != 0

Ran 4 tests in 0.001s

FAILED (failures=2)
PS C:\Users\tguyo\Documents\in_class_3>
```

**Output of running unittest.** This is expected considering my two pass and fail cases.

**Output of running pytest.** This is also expected and runs the same unittest formatted pass and fail cases.

**Output of Coverage.py report.** Only 62% percent of the origin file was tested, so tests need to be added to cover more.

C:\Users\tguyo\AppData\Roaming\Python\Python37\site-packages\pluggy\manager.py	195	152	0	22%
C:\Users\tguyo\AppData\Roaming\Python\Python37\site-packages\py\initpy	14	6	0	57%
C:\Users\tguyo\AppData\Roaming\Python\Python37\site-packages\py\_error.py	52	38	0	27%
C:\Users\tguyo\AppData\Roaming\Python\Python37\site-packages\py\_path\initpy	0	0	0	100%
C:\Users\tguyo\AppData\Roaming\Python\Python37\site-packages\py\_path\common.py	278	208	0	25%
C:\Users\tguyo\AppData\Roaming\Python\Python37\site-packages\py\_path\local.py	693	588	0	15%
C:\Users\tguyo\AppData\Roaming\Python\Python37\site-packages\py\_vendored_packages\initpy	0	0	0	100%
C:\Users\tguyo\AppData\Roaming\Python\Python37\site-packages\py\_vendored_packages\apppkg\_initpy	151	55	0	64%
C:\Users\tguyo\AppData\Roaming\Python\Python37\site-packages\py\_vendored_packages\apppkg\version.py	1	0	0	100%
C:\Users\tguyo\AppData\Roaming\Python\Python37\site-packages\py\_version.py	1	0	0	100%
C:\Users\tguyo\AppData\Roaming\Python\Python37\site-packages\pytest\_initpy	60	0	0	100%
C:\Users\tguyo\AppData\Roaming\Python\Python37\site-packages\pytest\collect.py	21	5	0	76%
C:\Users\tguyo\AppData\Roaming\Python\Python37\site-packages\typing_extensions.py	1250	983	0	21%
C:\Users\tguyo\AppData\Roaming\Python\Python37\site-packages\zipp.py	117	75	0	36%
leap.py	8	1	0	88%
test_leap.py	19	0	0	100%
Total	16949	11911	59	30%

**Output of HTML Coverage.** Now with more tests added we have 88% percent coverage of cases in the original file.

```
self = <test_fail_(self);
def test_fail_(self);
Attentionstrop: 0 10 1

self = <test_leap.TestCase testMethod=test_fail_2>
def test_fail_2(self);
self = <test_leap.TestCase testMethod=test_fail_2>
def test_fail_2(self);
self = <test_leap.TestCase testMethod=test_fail_2>
def test_fail_2(self);
self.assertigual(leap.leap.year(2016), 0)

TestCase.test_fail_2 (self);
self.assertigual(leap.leap.year(401), 1)

TestCase.test_fail_3 (self);
self = <test_leap.TestCase testMethod=test_fail_3>
def test_fail_3(self);
self.assertigual(leap.leap.year(401), 1)
Assertiguary 0 10 1

TestCase.test_fail_3

def test_fail_3 (self);
self.assertigual(leap.leap.year(401), 1)
Assertiguary 0 10 1

TestCase.test_fail_3

def test_fail_3 (self);
self.assertigual(leap.leap.year(401), 1)
Assertiguary 0 10 1

TestCase.test_fail_3 (self);
self = <test_fail_3 (sel
```

**Output of Pytest-cov.** This is a summary report of all test cases and coverage. With 88% percent coverage, more test cases need to be developed, but it might not be possible due to the logic inside the leap,py, which might reveal superfluous code.