

Assignment 6 PYTEST

```
#task 1
def addition(a,b):
    return a+b
```

Add function needed to test.

```
import pytest
from add_func import addition

def test_add():
    assert addition(3,4) == 7
    assert addition(100,2) == 102
    assert addition(6,-10) == -4
    assert addition(0,0) == 0
```

Add function test cases.

```
def divide(a, b):
    if b == 0:
        raise ValueError("cannot divide by zero")

    return a / b
```

Division function, needed to test.

```
import pytest
from div_func import divide

def test_divide_valid():
    assert divide(4,2) == 2

def test_divide_invalid():
    with pytest.raises(ValueError, match="cannot divide by zero"):
        divide(10,0)
```

Division function test cases.

Test Execution:

