```
pytest.ini
[pytest]
markers =
  slow: mark a test as slow
  transformation: mark a test as a transformation
  latest: to test the latest
test retail proj.py
import pytest
from lib. Utils import get spark session
from lib.DataReader import read customers, read orders
from lib.DataManipulation import filter closed orders,
count orders state, filter orders generic
from lib.ConfigReader import get_app_config
@pytest.mark.skip("work in process")
def test read customers df(spark):
  customers count = read customers(spark, "LOCAL").count()
  assert customers count == 12435
@pytest.mark.skip("work in process")
def test read orders df(spark):
  orders count = read orders(spark, "LOCAL").count()
  assert orders count == 68883
@pytest.mark.parametrize(
"entry1,count",
[("CLOSED", 7556),
("PENDING PAYMENT", 15030),
("COMPLETE", 22899)])
@pytest.mark.latest()
def test check count df(spark,entry1,count):
  orders df = read orders(spark, "LOCAL")
  filtered count = filter orders generic(orders df,entry1).count()
  assert filtered count == count
@pytest.mark.transformation()
def test filter closed orders(spark):
  orders df = read orders(spark, "LOCAL")
  filtered count = filter closed orders(orders df).count()
  assert filtered count == 7556
```

```
@pytest.mark.slow()
def test read app config():
  config = get app config("LOCAL")
  assert config["orders.file.path"] == "data/orders.csv"
@pytest.mark.skip("work in process")
def test_count_orders_state(spark,expected results):
  customers df = read customers(spark, "LOCAL")
  actual results = count orders state(customers df)
  assert actual results.collect() == expected results.collect()
conftest.py
========
import pytest
from lib.Utils import get_spark_session
@pytest.fixture
def spark():
  "creates a spark session"
  return get spark session("LOCAL")
@pytest.fixture
def spark():
  "creates a spark session"
  spark_session = get_spark_session("LOCAL")
                                              R CAREER
  yield spark session
  spark session.stop()
@pytest.fixture
def expected results(spark):
  "gives the expected results"
  results schema = "state string, count int"
  return spark.read \
     .format("csv") \
    .schema(results schema) \
     .load("data/test result/state aggregate.csv")
```