

```
In [ ]: 1 from __future__ import print_function
2 if __name__ == '__main__':
3     from pyspark.sql import SparkSession
4     spark = SparkSession.builder \
5         .master("local") \
6         .appName("Word Count") \
7         .config("spark.some.config.option", "some-value") \
8         .getOrCreate()
9
10     print(spark.range(5000).where("id > 500").selectExpr("sum(id)"))
```

## how to run spark app

save above to a file called spark-test.py

```
$ python spark-test.py
```

```
[Row(sum(id)=12372250)]
```

got error with

```
$ spark-submit spark-test.py
```

```
Exception: Jupyter command `jupyter-/home/wengong/projects/py4k
ids/lesson-17-pyspark/spark-guide/notebook/spark_test.py` not f
ound.
```

```
In [ ]: 1
```