

Exercise 1: Create a DataFrame that looks like this:

| | Apples | Bananas |
|---|--------|---------|
| 0 | 30 | 21 |

Exercise 2: Create the following DataFrame:

| | Apples | Bananas |
|------------|--------|---------|
| 2017 Sales | 35 | 21 |
| 2018 Sales | 41 | 34 |

****Exercise 3****: Create a `Series` that looks like this:

```
...
Flour      4 cups
Milk       1 cup
Eggs       2 large
Spam       1 can
Name: Dinner, dtype: object
...
```

Exercise 4 : Check the outcome of this command

```
pd.DataFrame([{'a': 1, 'b': 2}, {'b': 3, 'c': 4}])
```

Exercise 5 : Check the outcome of this command

```
import pandas as pd
data = pd.Series([0.25,0.50,0.75,1],index=['a','b','c','d'])
'a' in data
```