Your Turn

Of course, in our dataset we only have one column. Try creating a dataframe and computing summary statistics using the dataset in Listing 4-6.

Listing 4-6. Starting Dataset

```
names = ['Bob','Jessica','Mary','John','Mel']
grades = [76,95,77,78,99]
bsdegrees = [1,1,0,0,1]
msdegrees = [2,1,0,0,0]
phddegrees = [0,1,0,0,0]
```

Code:

```
import pandas as pd

names = ['Bob','Jessica','Mary','John','Mel']

grades = [76,95,77,78,99]

bsdegrees = [1,1,0,0,1]

msdegrees = [2,1,0,0,0]

phddegrees = [0,1,0,0,0]


GradeList = zip(names,grades,bsdegrees,msdegrees,phddegrees)

df = pd.DataFrame(data=GradeList, columns = ['Name' ,'Grades','BS Degree','MS Degree', 'PHD Degree'])

df

df.count()

df.mean()

df.std()

df.min()

df.max()

df.quantile(.25)

df.quantile(.5)

df.quantile(.75)
```