#Create a simple Pandas Series from a list:

```
import pandas as pd

a = [1, 7, 2,100,200,300,"AA","xyz"]

myvar = pd.Series(a)

print(myvar)
```

```
0        1
1        7
2        2
3      100
4      200
5      300
6       AA
7      xyz
dtype: object
```

```
import pandas as pd

a = [1, 7, 2]

myvar = pd.Series(a)

print(myvar[0:3])

myvar2 = pd.Series(a, index = ["x", "y", "z"])

print(myvar2[0:3])
```

```
0        1
1        7
2        2
dtype: int64
x        1
y        7
z        2
dtype: int64
```

#Create a simple Pandas Series from a dictionary:

```
import pandas as pd

calories = {"day1": 420, "day2": 380, "day3": 390}

myvar = pd.Series(calories)

print(myvar)

myvar2 = pd.Series(calories, index = ["day1","day2","day3"])

print(myvar2)
```

```
day1      420
day2      380
day3      390
dtype: int64
day1      420
day2      380
day3      390
dtype: int64
```

Create a DataFrame from two Series

```
import pandas as pd

data = {
  "calories": [420, 380, 390],
  "duration": [50, 40, 45]
}

myvar = pd.DataFrame(data)

print(myvar)
```

```
   calories  duration
0       420        50
1       380        40
2       390        45
```