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Class Assignment 5

Question 1)

```python
import numpy as np

import pandas as pd

frame = pd.read_table('population.txt', sep='\s+', engine='python',index_col='year')



max_year = frame['hare'].idxmax()

print("The hare max year is:",max_year)

max_year= frame['lynx'].idxmax()

print("The Lynx max year is:",max_year)

max_year= frame['carrot'].idxmax()

print("The Carrot max year is:",max_year)



mean_population=frame['hare'].mean()

std_population =frame['hare'].std()

print("The Hare mean is: ",mean_population)

print("The Hare std is: ",std_population)
```

```python
mean_population=frame['lynx'].mean()

std_population =frame['lynx'].std()

print("The Lynx mean is: ",mean_population)

print("The Lynx std is: ",std_population)

mean_population=frame['carrot'].mean()

std_population =frame['carrot'].std()

print("The Carrot mean is: ",mean_population)

print("The Carrot std is: ",std_population)
```

Output:
```
The Hare max year is: 1903

The Lynx max year is: 1904

The Carrot max year is: 1900

The Hare mean is: 34080.95238095238

The Hare std is: 21413.981858767394

The Lynx mean is: 20166.666666666668

The Lynx std is: 16655.999919948765

The Carrot mean is: 42400.0

The Carrot std is: 3404.555771315841
```

Question 2)
```python
import numpy as np
import pandas as pd
c=pd.read_csv('https://www4.stat.ncsu.edu/~boos/var.select/baseball.txt')
w=pd.read_clipboard(c)
```

```
print(w)
```

It wont let me read the url at all no matter if I use csv or table or etc… I change it from the #info inside and with it not there. I am unsure what to do…