

Assignment No. 9

```
import pandas as pd
import numpy as np
import seaborn as sns
import io
import matplotlib.pyplot as plt

df = sns.load_dataset('titanic')

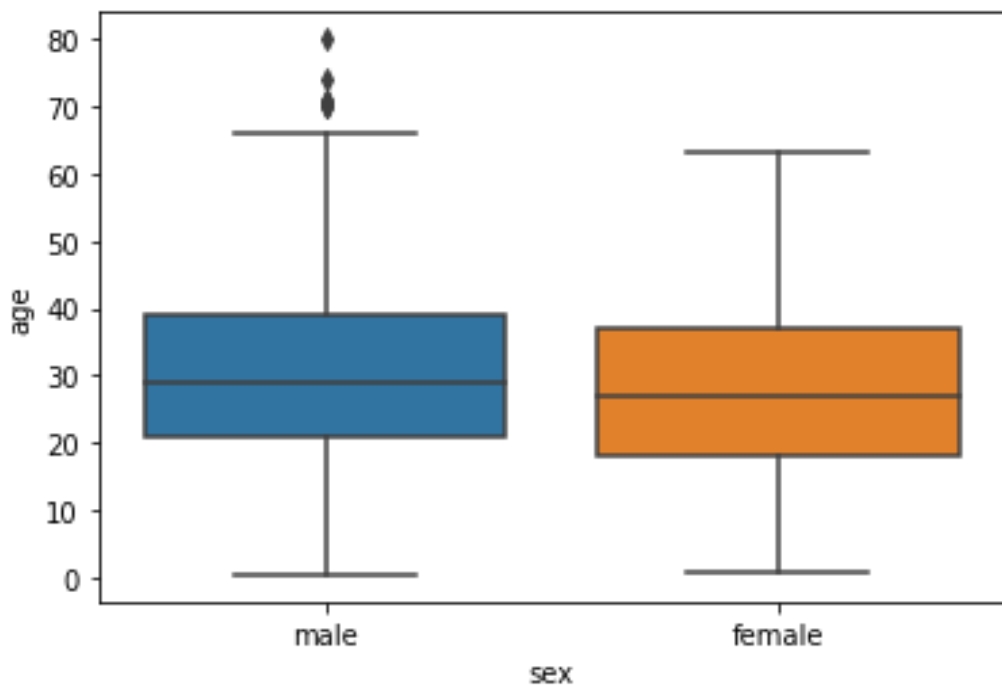
df.head()
```

	survived	pclass	sex	age	sibsp	parch	fare	embarked	class	\
0	0	3	male	22.0	1	0	7.2500	S	Third	
1	1	1	female	38.0	1	0	71.2833	C	First	
2	1	3	female	26.0	0	0	7.9250	S	Third	
3	1	1	female	35.0	1	0	53.1000	S	First	
4	0	3	male	35.0	0	0	8.0500	S	Third	

	who	adult_male	deck	embark_town	alive	alone
0	man	True	NaN	Southampton	no	False
1	woman	False	C	Cherbourg	yes	False
2	woman	False	NaN	Southampton	yes	True
3	woman	False	C	Southampton	yes	False
4	man	True	NaN	Southampton	no	True

```
sns.boxplot(x='sex', y='age', data=df)
```

```
<matplotlib.axes._subplots.AxesSubplot at 0x7f619fcd6d10>
```



```
sns.boxplot(x='sex', y='age', data=df, hue="survived" )  
<matplotlib.axes._subplots.AxesSubplot at 0x7f619ef30f50>
```

