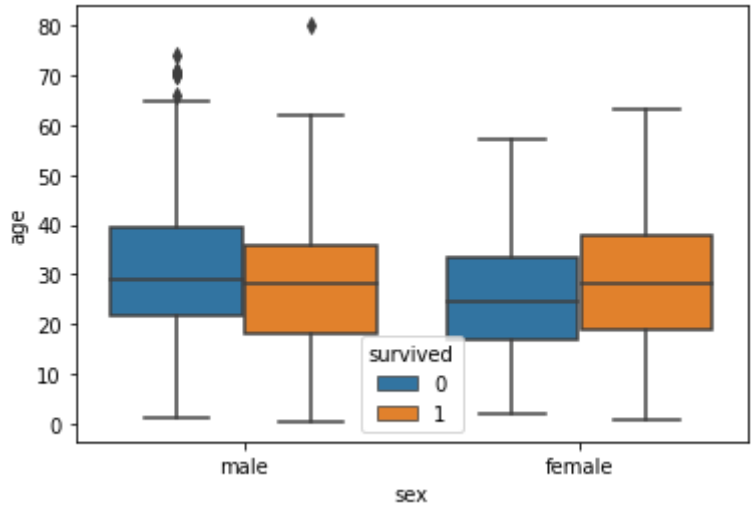
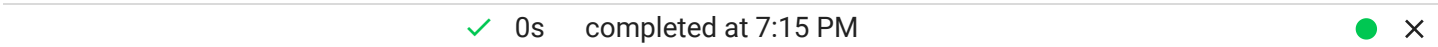
```
import numpy as np
import pandas as pd
import matplotlib.pyplot as plt
import seaborn as sns
from seaborn import load_dataset
#titanic dataset
dataset = sns.load_dataset('titanic')
dataset.head()
```

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

```
sns.boxplot(x='sex', y='age', data=dataset, hue="survived")
plt.show()
```




```
#Observations Titanic dataset shows the survived and death count. Also it
#showcases count for male and female ratio over different class using pandas
#analysis it is helpful for understanding the data such as count of survived,
#which age people are belongs to which class, what is ratio between male and
#female survived,fare distribution across age etc. pandas library provide ease
#in doing exploratory data analysis and added advantage is aggregation function.
```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