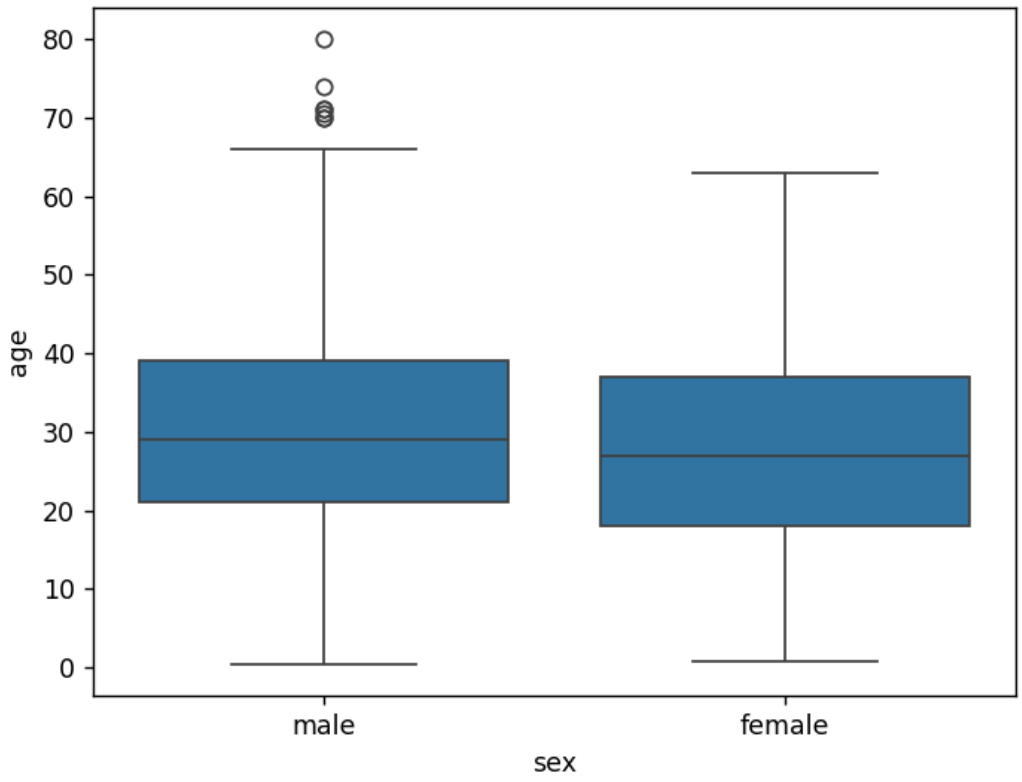
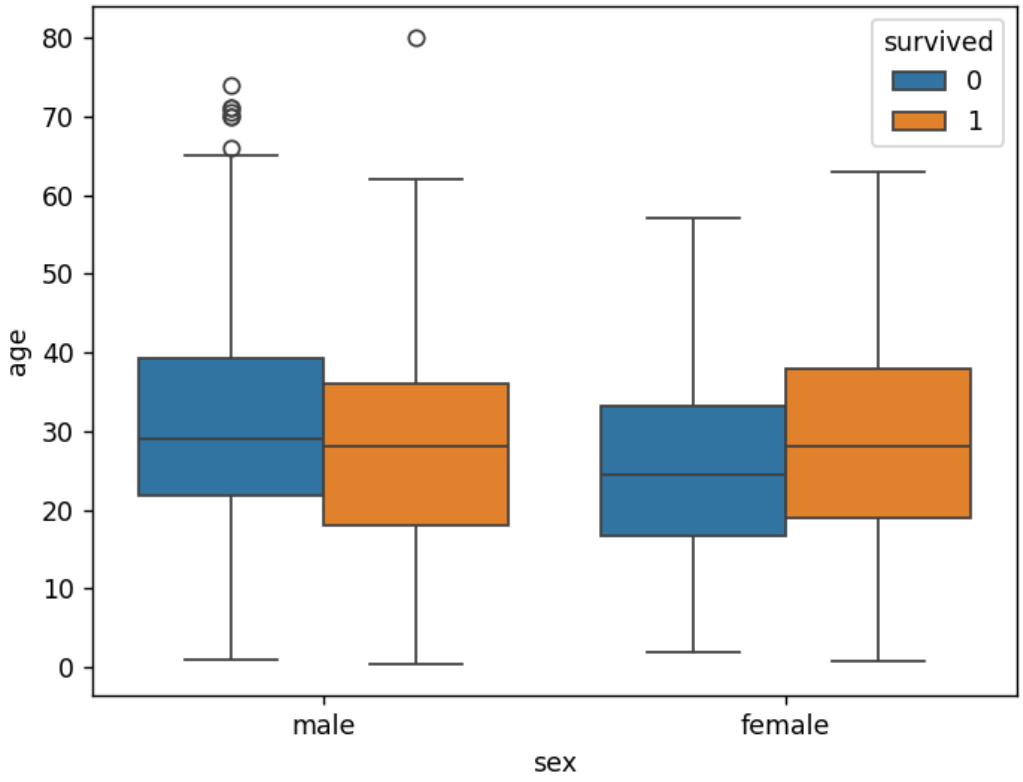
```
import seaborn as sns
import matplotlib.pyplot as plt
import pandas as pd

titanic = sns.load_dataset("titanic")

print("--- TITANIC ---")
print(titanic)

titanic.head(10)

titanic.info

titanic.describe()

titanic.loc[:,["survived", "alive"]]

sns.boxplot(x = "sex", y = "age", data = titanic)
plt.show()

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

OUTPUT-

```
--- TITANIC ---
     survived  pclass     sex   age  sibsp  parch     fare embarked   class    who  adult_male deck  embark_town alive  alone
0           0       3    male  22.0      1      0   7.2500        S   Third    man        True  NaN  Southampton    no  False
1           1       1  female  38.0      1      0  71.2833        C   First  woman       False    C    Cherbourg   yes  False
2           1       3  female  26.0      0      0   7.9250        S   Third  woman       False  NaN  Southampton   yes   True
3           1       1  female  35.0      1      0  53.1000        S   First  woman       False    C  Southampton   yes  False
4           0       3    male  35.0      0      0   8.0500        S   Third    man        True  NaN  Southampton    no   True
..        ...     ...     ...   ...    ...    ...      ...      ...     ...    ...         ...  ...          ...   ...    ...
886         0       2    male  27.0      0      0  13.0000        S  Second    man        True  NaN  Southampton    no   True
887         1       1  female  19.0      0      0  30.0000        S   First  woman       False    B  Southampton   yes   True
888         0       3  female   NaN      1      2  23.4500        S   Third  woman       False  NaN  Southampton    no  False
889         1       1    male  26.0      0      0  30.0000        C   First    man        True    C    Cherbourg   yes   True
890         0       3    male  32.0      0      0   7.7500        Q   Third    man        True  NaN   Queenstown    no   True

[891 rows x 15 columns]
```


80
70
60
50
40
30
20
10
0
age
male
female
sex


survived
0
1
80
70
60
50
40
30
20
10
0
age
male
female
sex