In [ ]:
```
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```

In [1]:
```python
import seaborn as sns
titanic = sns.load_dataset("titanic")
```

In [2]:
```python
titanic
```

Out[2]:

|	survived	pclass	sex	age	sibsp	parch	fare	embarked	class	who
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
...	...	...	...	...	...	...	...	...	...	...
886	0	2	male	27.0	0	0	13.0000	S	Second	man
887	1	1	female	19.0	0	0	30.0000	S	First	woman
888	0	3	female	NaN	1	2	23.4500	S	Third	woman
889	1	1	male	26.0	0	0	30.0000	C	First	man
890	0	3	male	32.0	0	0	7.7500	Q	Third	man

891 rows × 15 columns

In [3]:
```python
titanic.head(10)
```

Out[3]:

	survived	pclass	sex	age	sibsp	parch	fare	embarked	class	who	ad
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	
5	0	3	male	NaN	0	0	8.4583	Q	Third	man	
6	0	1	male	54.0	0	0	51.8625	S	First	man	
7	0	3	male	2.0	3	1	21.0750	S	Third	child	
8	1	3	female	27.0	0	2	11.1333	S	Third	woman	
9	1	2	female	14.0	1	0	30.0708	C	Second	child	
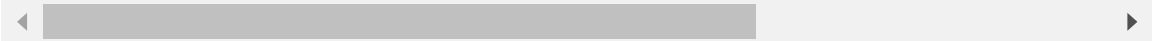
In [4]: `titanic.info`

Out[4]:
```
<bound method DataFrame.info of        survived  pclass     sex   age  sibsp  par
ch    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
..        ...     ...     ...   ...    ...    ...      ...      ...      ...
886         0       2    male  27.0      0      0  13.0000        S   Second
887         1       1  female  19.0      0      0  30.0000        S    First
888         0       3  female   NaN      1      2  23.4500        S    Third
889         1       1    male  26.0      0      0  30.0000        C    First
890         0       3    male  32.0      0      0   7.7500        Q    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
..     ...         ...  ...           ...   ...    ...
886    man        True  NaN   Southampton    no   True
887  woman       False    B   Southampton   yes   True
888  woman       False  NaN   Southampton    no  False
889    man        True    C     Cherbourg   yes   True
890    man        True  NaN    Queenstown    no   True

[891 rows x 15 columns]>
```

In [5]: `titanic.describe()`

Out[5]:

	survived	pclass	age	sibsp	parch	fare
count	891.000000	891.000000	714.000000	891.000000	891.000000	891.000000
mean	0.383838	2.308642	29.699118	0.523008	0.381594	32.204208
std	0.486592	0.836071	14.526497	1.102743	0.806057	49.693429
min	0.000000	1.000000	0.420000	0.000000	0.000000	0.000000
25%	0.000000	2.000000	20.125000	0.000000	0.000000	7.910400
50%	0.000000	3.000000	28.000000	0.000000	0.000000	14.454200
75%	1.000000	3.000000	38.000000	1.000000	0.000000	31.000000
max	1.000000	3.000000	80.000000	8.000000	6.000000	512.329200

In [6]:
```python
#Custom Columns with all rows
titanic.loc[:,["survived","alive"]]
```
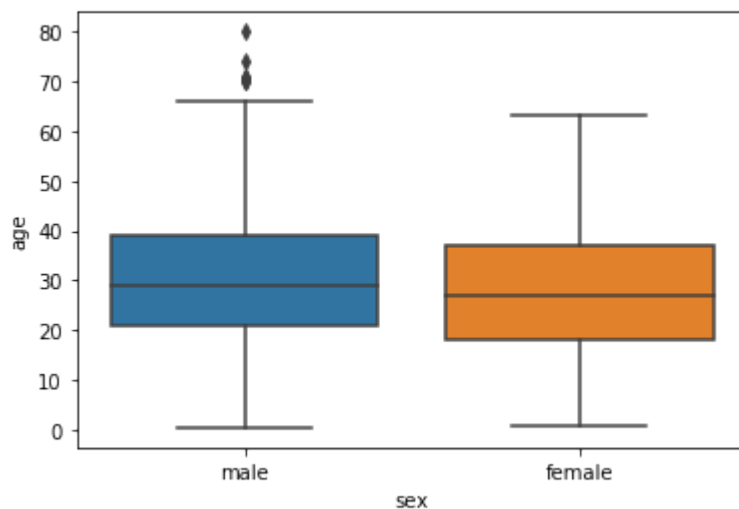
Out[6]:

	survived	alive
0	0	no
1	1	yes
2	1	yes
3	1	yes
4	0	no
...	...	...
886	0	no
887	1	yes
888	0	no
889	1	yes
890	0	no

891 rows × 2 columns

In [7]:
```python
#Now Plot boxplot
sns.boxplot(x="sex",y="age",data=titanic)
```
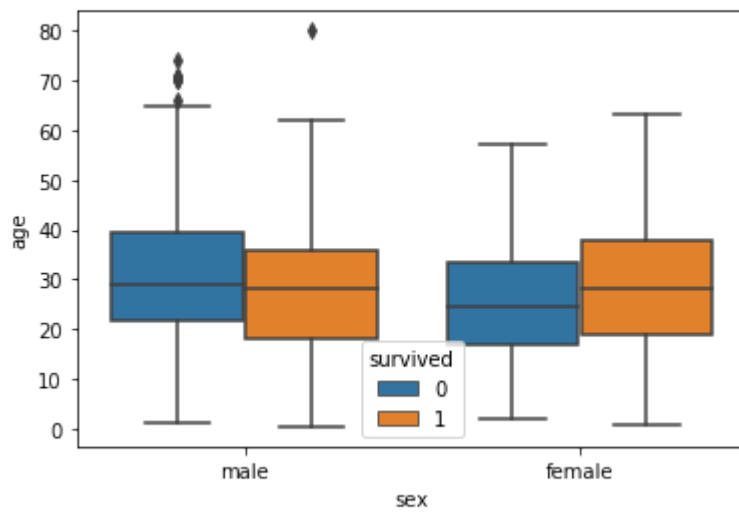
Out[7]: <matplotlib.axes._subplots.AxesSubplot at 0x7fabfde47e90>

In [8]:
```python
sns.boxplot(x="sex",y="age",data=titanic,hue="survived")
```

Out[8]: <matplotlib.axes._subplots.AxesSubplot at 0x7fabfd34ba10>

In [ ]: