In [2]:
```
import pandas as pd
import numpy as np
import matplotlib.pyplot as plt
import seaborn as sns
```

In [4]:
```
dataset=sns.load_dataset('titanic')
dataset.head(10)
```

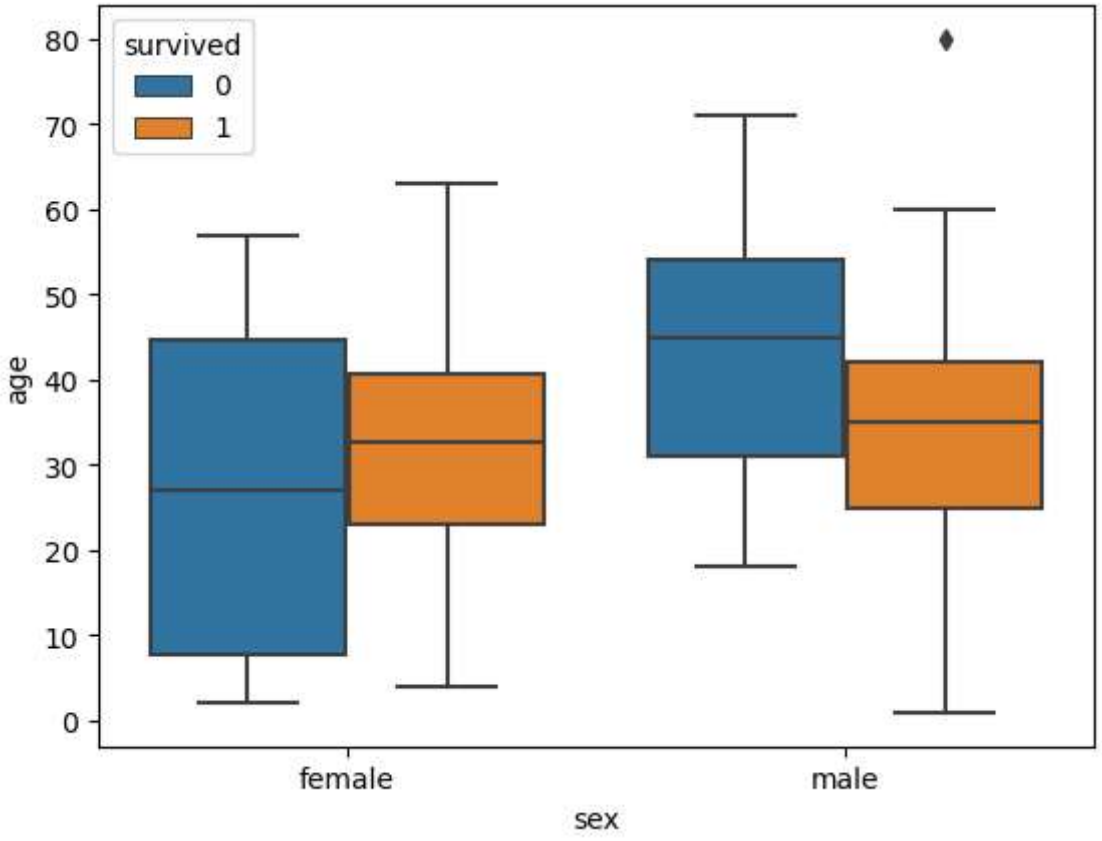
Out[4]:

	survived	pclass	sex	age	sibsp	parch	fare	embarked	class	who	adult_male
0	0	3	male	22.0	1	0	7.2500	S	Third	man	True
1	1	1	female	38.0	1	0	71.2833	C	First	woman	False
2	1	3	female	26.0	0	0	7.9250	S	Third	woman	False
3	1	1	female	35.0	1	0	53.1000	S	First	woman	False
4	0	3	male	35.0	0	0	8.0500	S	Third	man	True
5	0	3	male	NaN	0	0	8.4583	Q	Third	man	True
6	0	1	male	54.0	0	0	51.8625	S	First	man	True
7	0	3	male	2.0	3	1	21.0750	S	Third	child	False
8	1	3	female	27.0	0	2	11.1333	S	Third	woman	False
9	1	2	female	14.0	1	0	30.0708	C	Second	child	False

In [5]:
```
dataset=dataset.dropna()
```

In [6]:
```
sns.boxplot(x='sex',y='age',data=dataset,hue='survived')
```

Out[6]:
```
<Axes: xlabel='sex', ylabel='age'>
```



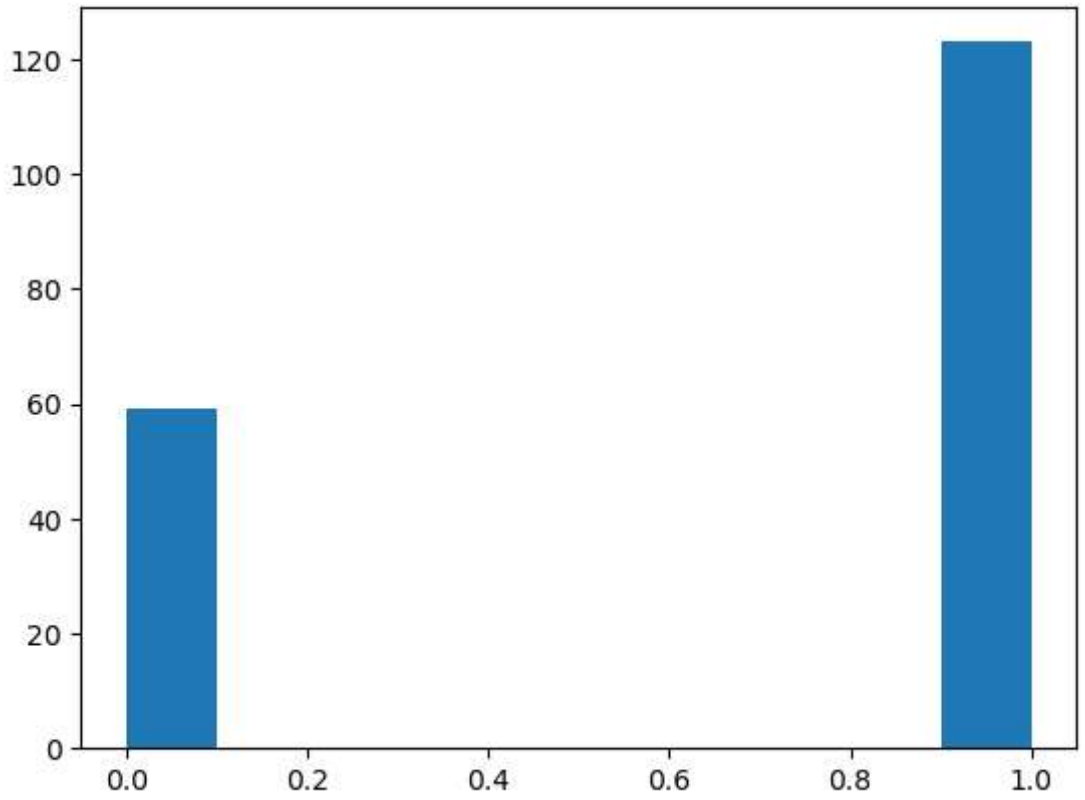
In [7]:
```
dataset[dataset['age']>70]
```

Out[7]:

	survived	pclass	sex	age	sibsp	parch	fare	embarked	class	who	adult_male	de
96	0	1	male	71.0	0	0	34.6542	C	First	man	True	
630	1	1	male	80.0	0	0	30.0000	S	First	man	True	

In [9]:
```
plt.hist(dataset['survived'])
```

Out[9]:
```
(array([ 59.,   0.,   0.,   0.,   0.,   0.,   0.,   0.,   0., 123.]),
 array([0. , 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9, 1. ]),
 <BarContainer object of 10 artists>)
```



In [ ]:
```

```