```
import pandas as pd
import seaborn as sns
```

```
df=pd.read_csv('https://raw.githubusercontent.com/datasciencedojo/datasets/master/titanic.
```

```
df.head()
```

	PassengerId	Survived	Pclass	Name	Sex	Age	SibSp	Parch	
0	1	0	3	Braund, Mr. Owen Harris	male	22.0	1	0	A/
1	2	1	1	Cumings, Mrs. John Bradley (Florence Briggs Th...	female	38.0	1	0	PC
2	3	1	3	Heikkinen, Miss. Laina	female	26.0	0	0	ST 3

```
df.shape
```

```
(891, 12)
```

```
df.Age.unique()
```

```
array([22.  , 38.  , 26.  , 35.  ,   nan, 54.  ,  2.  , 27.  , 14.  ,
        4.  , 58.  , 20.  , 39.  , 55.  , 31.  , 34.  , 15.  , 28.  ,
        8.  , 19.  , 40.  , 66.  , 42.  , 21.  , 18.  ,  3.  ,  7.  ,
       49.  , 29.  , 65.  , 28.5 ,  5.  , 11.  , 45.  , 17.  , 32.  ,
       16.  , 25.  ,  0.83, 30.  , 33.  , 23.  , 24.  , 46.  , 59.  ,
       71.  , 37.  , 47.  , 14.5 , 70.5 , 32.5 , 12.  ,  9.  , 36.5 ,
       51.  , 55.5 , 40.5 , 44.  ,  1.  , 61.  , 56.  , 50.  , 36.  ,
       45.5 , 20.5 , 62.  , 41.  , 52.  , 63.  , 23.5 ,  0.92, 43.  ,
       60.  , 10.  , 64.  , 13.  , 48.  ,  0.75, 53.  , 57.  , 80.  ,
       70.  , 24.5 ,  6.  ,  0.67, 30.5 ,  0.42, 34.5 , 74.  ])
```

```
df.Survived.unique()
```

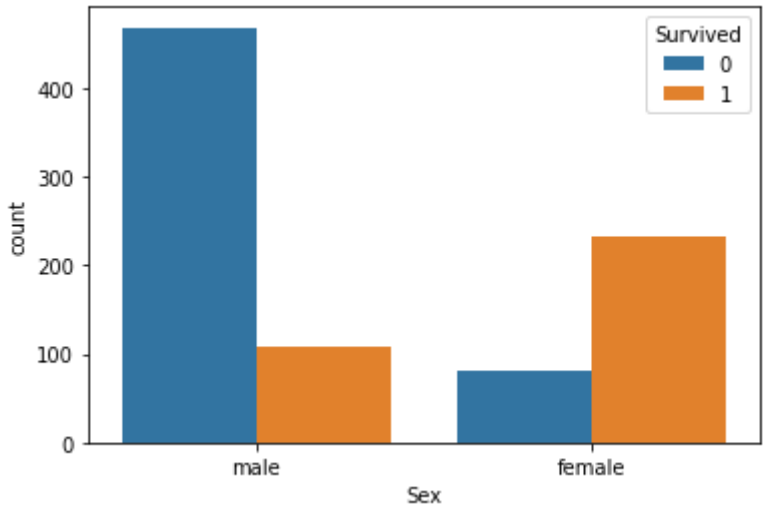
```
array([0, 1])
```

```
df.Sex.value_counts()
```

```
male      577
female    314
Name: Sex, dtype: int64
```

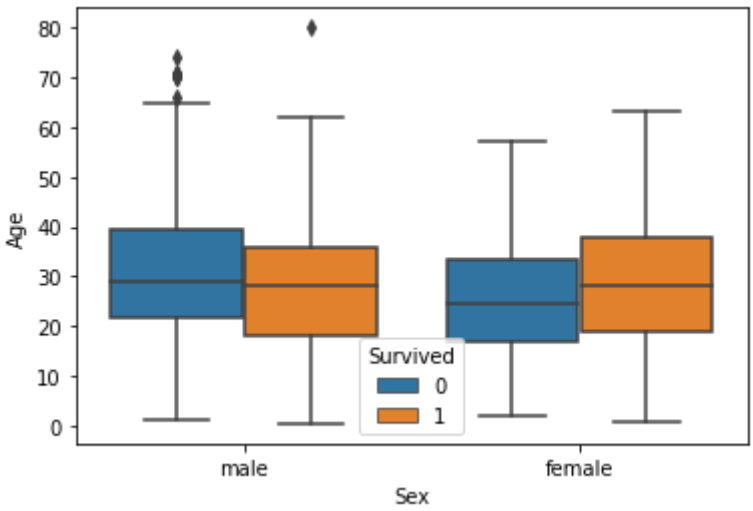
```
sns.countplot(data=df,x='Sex',hue='Survived')
```

```
<matplotlib.axes._subplots.AxesSubplot at 0x7f61058ed790>
```




```
sns.boxplot(data=df,x='Sex',y='Age',hue='Survived')
```

```
<matplotlib.axes._subplots.AxesSubplot at 0x7f61057ec110>
```



We have plotted the graph gender vs Age and setted hue as Survived. From above boxplot we can infer that

1. Maximum age in data is 40.
2. Female count of survival is greater the=an male count of survival.
3. Least age in the data is 18.
4. Survived female age group is between 18 to 40.
5. More older men died than younger men.