In [3]:

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

In [4]:

```
df=pd.read_csv("Titanic-Dataset.csv")
```

In [5]:

```
df
```

Out[5]:

	PassengerId	Survived	Pclass	Name	Sex	Age	SibSp	Parch	Ticket	Fare
0	1	0	3	Braund, Mr. Owen Harris	male	22.0	1	0	A/5 21171	7.2500
1	2	1	1	Cumings, Mrs. John Bradley (Florence Briggs Th...	female	38.0	1	0	PC 17599	71.2833
2	3	1	3	Heikkinen, Miss. Laina	female	26.0	0	0	STON/O2. 3101282	7.9250
3	4	1	1	Futrelle, Mrs. Jacques Heath (Lily May Peel)	female	35.0	1	0	113803	53.1000
4	5	0	3	Allen, Mr. William Henry	male	35.0	0	0	373450	8.0500
...	...	...	...	...	...	...	...	...	...	...
886	887	0	2	Montvila, Rev. Juozas	male	27.0	0	0	211536	13.0000
887	888	1	1	Graham, Miss. Margaret Edith	female	19.0	0	0	112053	30.0000
888	889	0	3	Johnston, Miss. Catherine Helen "Carrie"	female	NaN	1	2	W./C. 6607	23.4500
889	890	1	1	Behr, Mr. Karl Howell	male	26.0	0	0	111369	30.0000
890	891	0	3	Dooley, Mr. Patrick	male	32.0	0	0	370376	7.7500

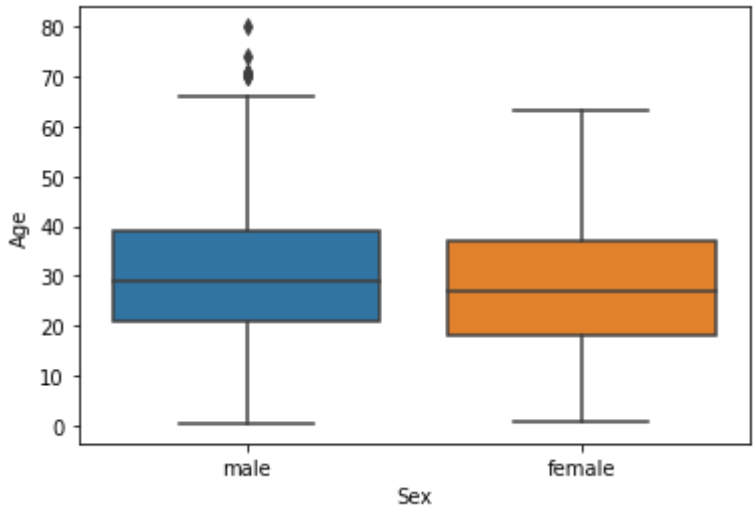
891 rows × 12 columns

In [6]:

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

Out[6]:

```
<AxesSubplot: xlabel='Sex', ylabel='Age'>
```

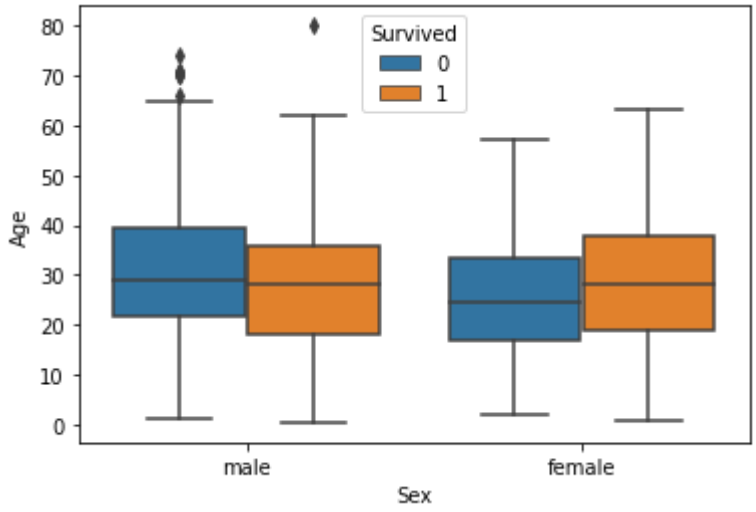


In [7]:

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

Out[7]:

```
<AxesSubplot: xlabel='Sex', ylabel='Age'>
```



In [10]:

```
print("number of people Survived:->",df['Survived'].value_counts()[1])
print("number of people not Survived:->",df['Survived'].value_counts()[0])
```

```
number of people Survived:-> 342
number of people not Survived:-> 549
```

In [11]:

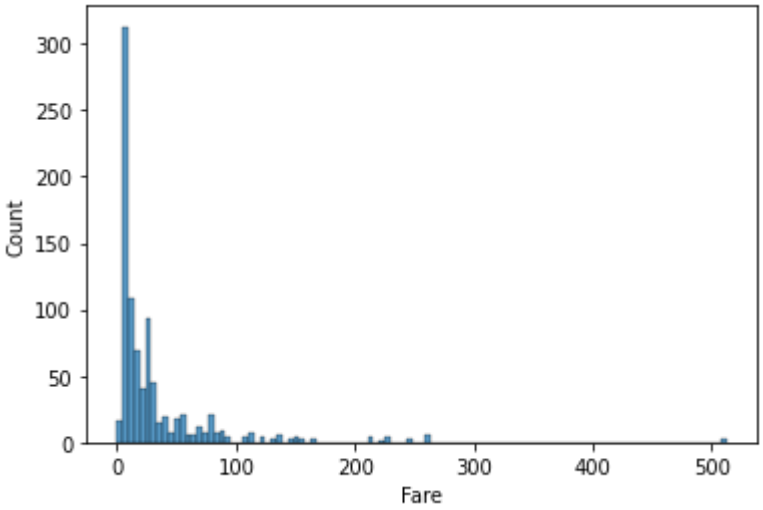
```
# 9 end
```

In [12]:

```
sns.histplot(data=df,x='Fare')
```

Out[12]:

```
<AxesSubplot: xlabel='Fare', ylabel='Count'>
```



In [ ]: