Practical No:9

In [1]:

```python
import pandas as pd
import numpy as np
import matplotlib.pyplot as plt
import seaborn as sns
import warnings
warnings.filterwarnings('ignore')
data = pd.read_csv('https://raw.githubusercontent.com/dphi-official/Datasets/master/tita
data.head()
```

Out[1]:

	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

In [3]:

```python
sns.countplot(x='Age',data=data)
```
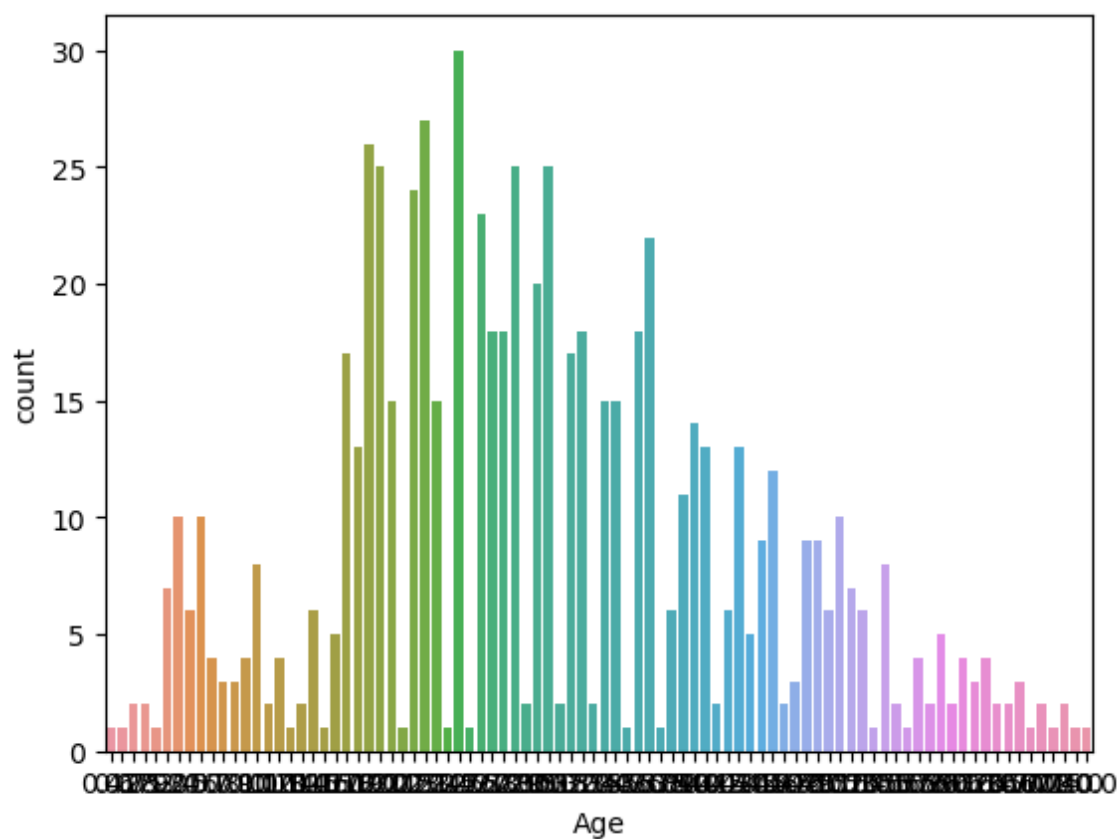
Out[3]:

`<Axes: xlabel='Age', ylabel='count'>`

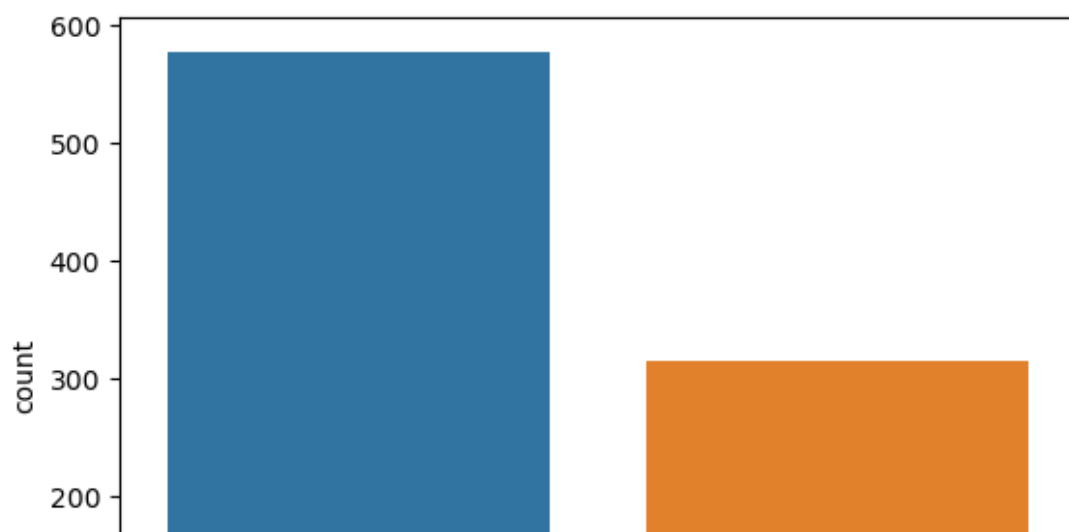In [4]:

```python
sns.countplot(x='Sex',data=data)
```

Out[4]:

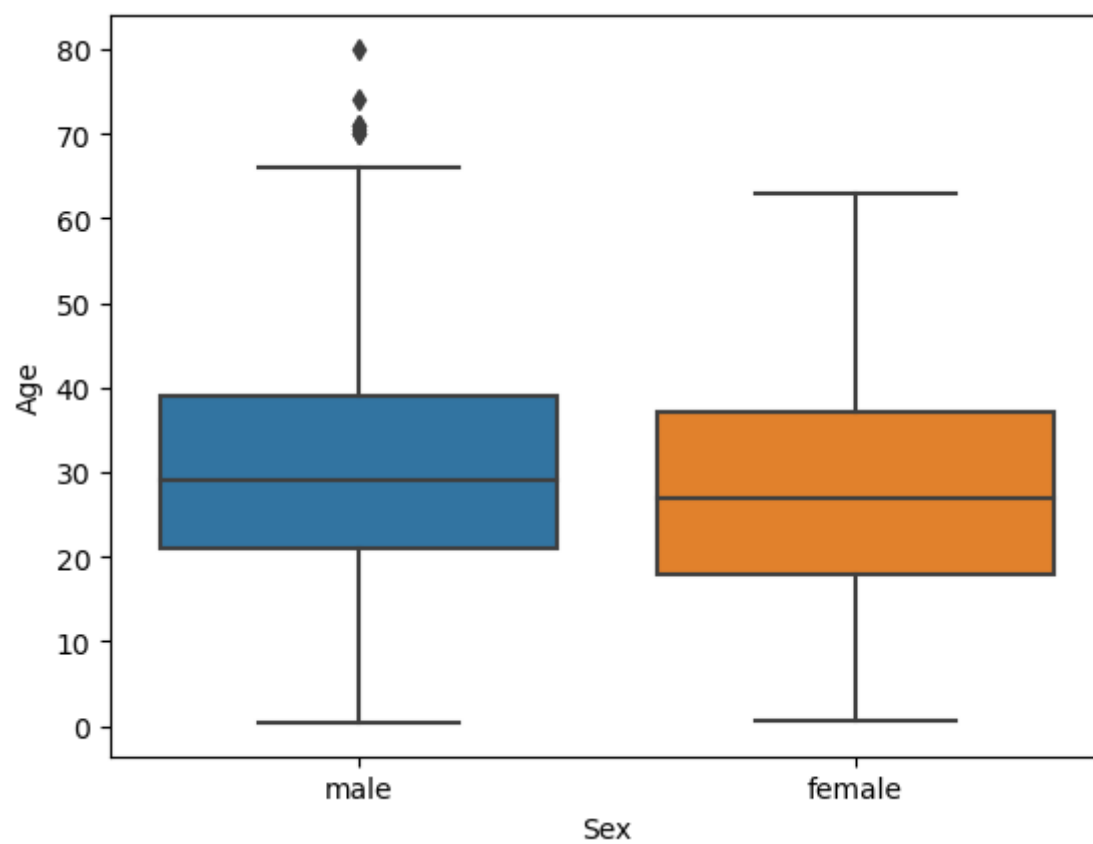`<Axes: xlabel='Sex', ylabel='count'>`

In [6]:

```
sns.boxplot(x='Sex',y='Age',data=data)
```
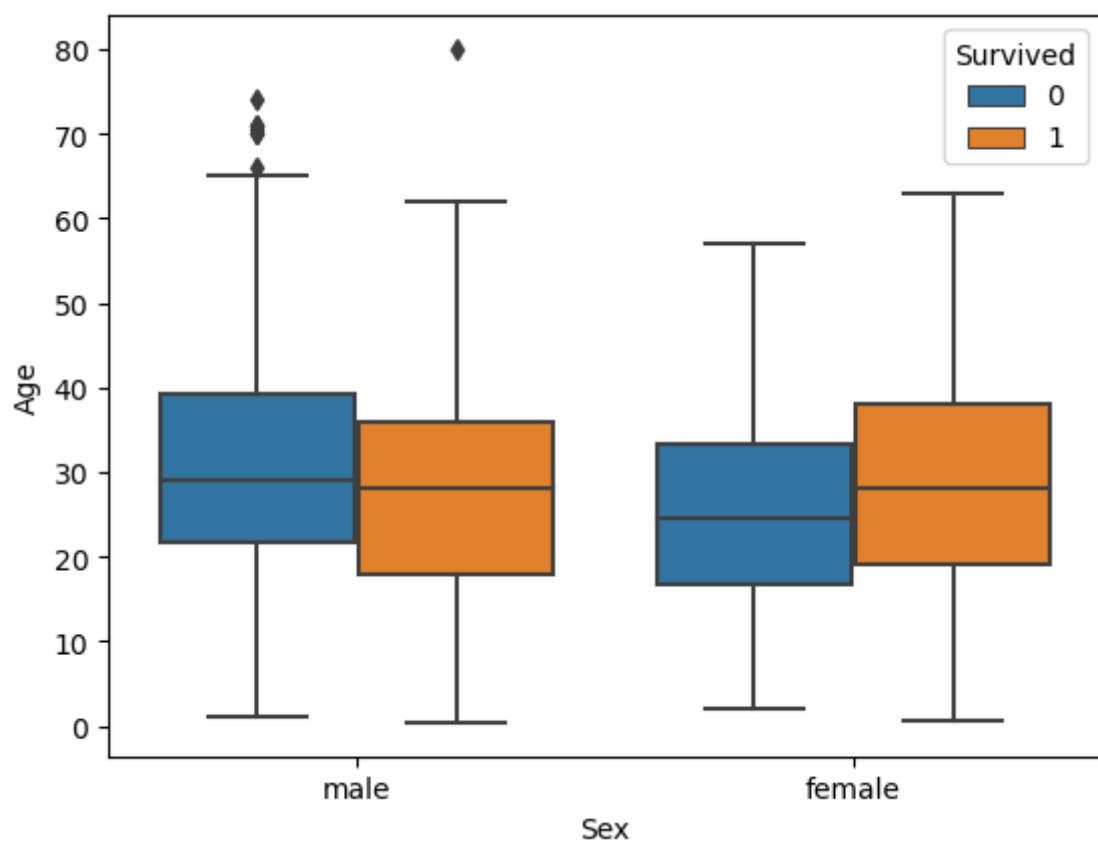
Out[6]:

<Axes: xlabel='Sex', ylabel='Age'>

In [11]:

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

Out[11]:

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


In [ ]: