```
In [ ]: #6

import seaborn as sns
import pandas as pd
import numpy as np
import matplotlib.pyplot as plt
%matplotlib inline
tips=sns.load_dataset('tips')
tips.head()

sns.displot(tips.total_bill,kde=True)

sns.displot(tips.total_bill,kde=False)

sns.jointplot(x=tips.tip,y=tips.total_bill)

sns.jointplot(x=tips.tip,y=tips.total_bill,kind="reg")

sns.jointplot(x=tips.tip,y=tips.total_bill,kind="hex")

sns.pairplot(tips)

tips.time.value_counts()

sns.pairplot(tips,hue='time')

sns.pairplot(tips,hue='day')

sns.heatmap(tips.corr(numeric_only=True),annot=True)

sns.boxplot(tips.total_bill)

sns.boxplot(tips.tip)

sns.countplot(tips.day)

sns.countplot(tips.sex)

tips.sex.value_counts().plot(kind='pie')

tips.sex.value_counts().plot(kind='bar')

sns.countplot(tips[tips.time=='Dinner']['day'])
```

WARNING:matplotlib.axes._base:Ignoring fixed y limits to fulfill fixed data asp
ect with adjustable data limits.
/usr/local/lib/python3.12/dist-packages/seaborn/categorical.py:383: UserWarnin
g: Attempting to set identical low and high ylims makes transformation singula
r; automatically expanding.
  ax.set_ylim(n - .5, -.5, auto=None)

Out[ ]: <Axes: xlabel='sex', ylabel='count'>

WARNING:matplotlib.axes._base:Ignoring fixed y limits to fulfill fixed data asp
ect with adjustable data limits.