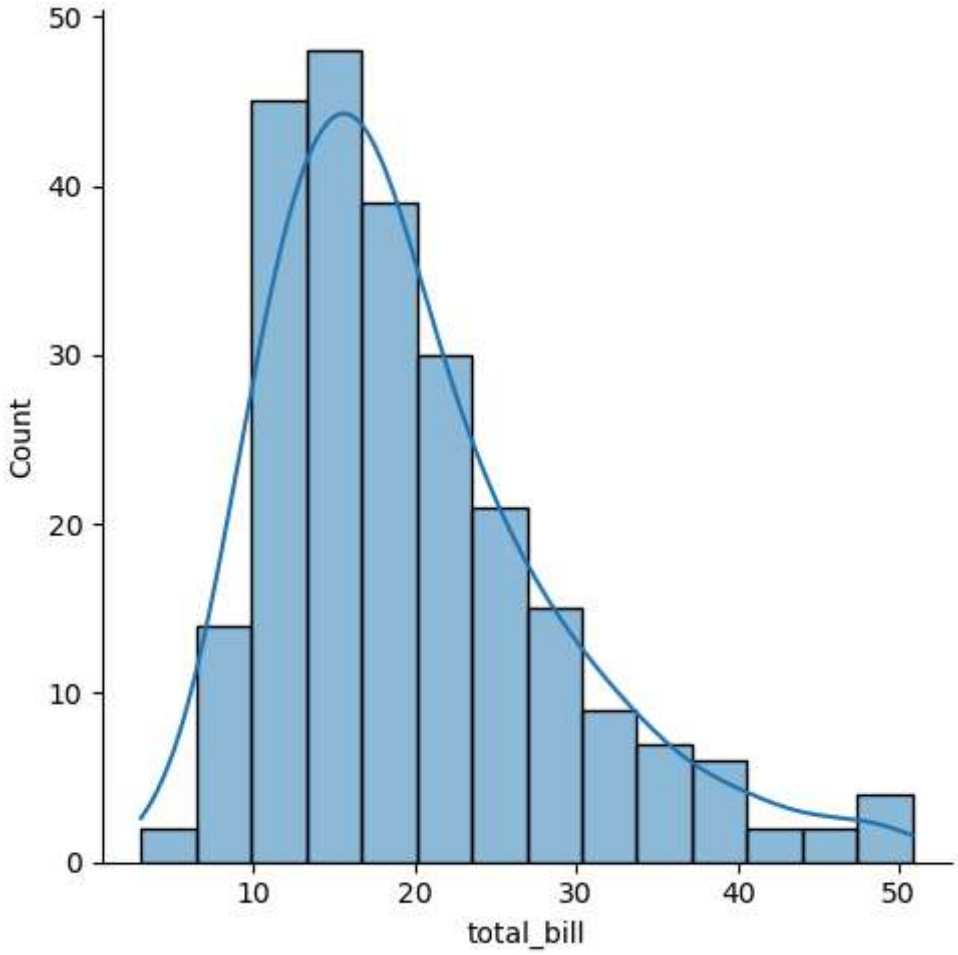
In [1]:
```
import seaborn as sns
import pandas as pd
import numpy as np
import matplotlib.pyplot as plt
%matplotlib inline
tips=sns.load_dataset('tips')
tips.head()
```

Out[1]:

	total_bill	tip	sex	smoker	day	time	size
0	16.99	1.01	Female	No	Sun	Dinner	2
1	10.34	1.66	Male	No	Sun	Dinner	3
2	21.01	3.50	Male	No	Sun	Dinner	3
3	23.68	3.31	Male	No	Sun	Dinner	2
4	24.59	3.61	Female	No	Sun	Dinner	4

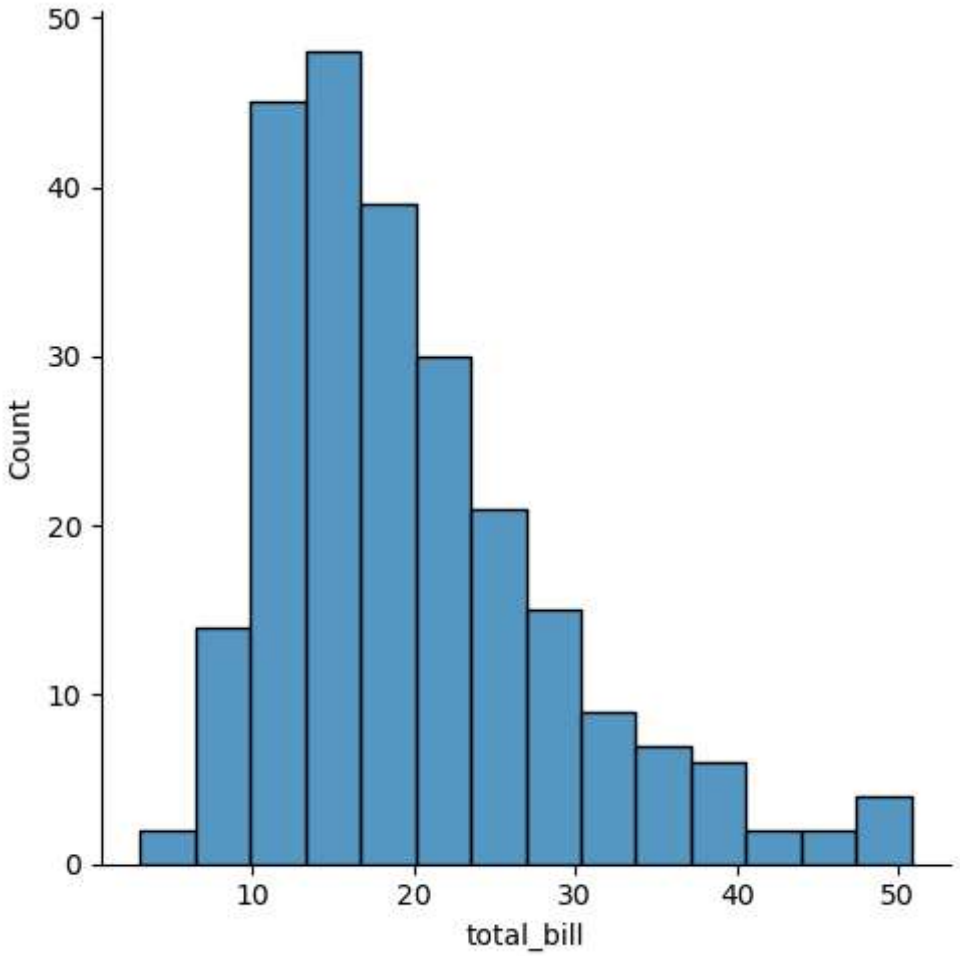
In [3]:
```
sns.displot(tips.total_bill,kde=True)
```

Out[3]:
```
<seaborn.axisgrid.FacetGrid at 0x25cbf3dbf10>
```



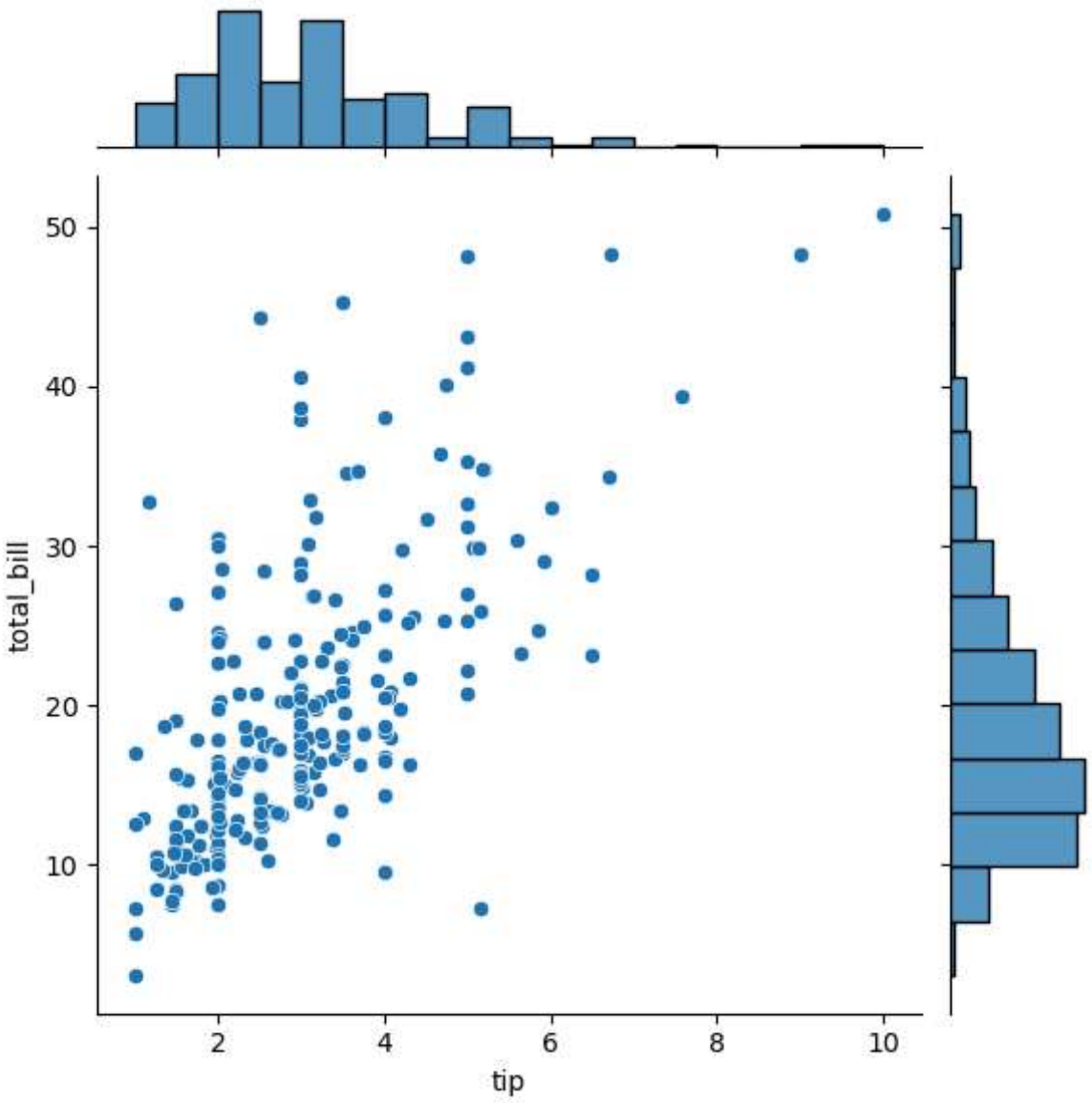
In [4]:
```
sns.displot(tips.total_bill,kde=False)
```

Out[4]:
```
<seaborn.axisgrid.FacetGrid at 0x25cb9d1c3a0>
```



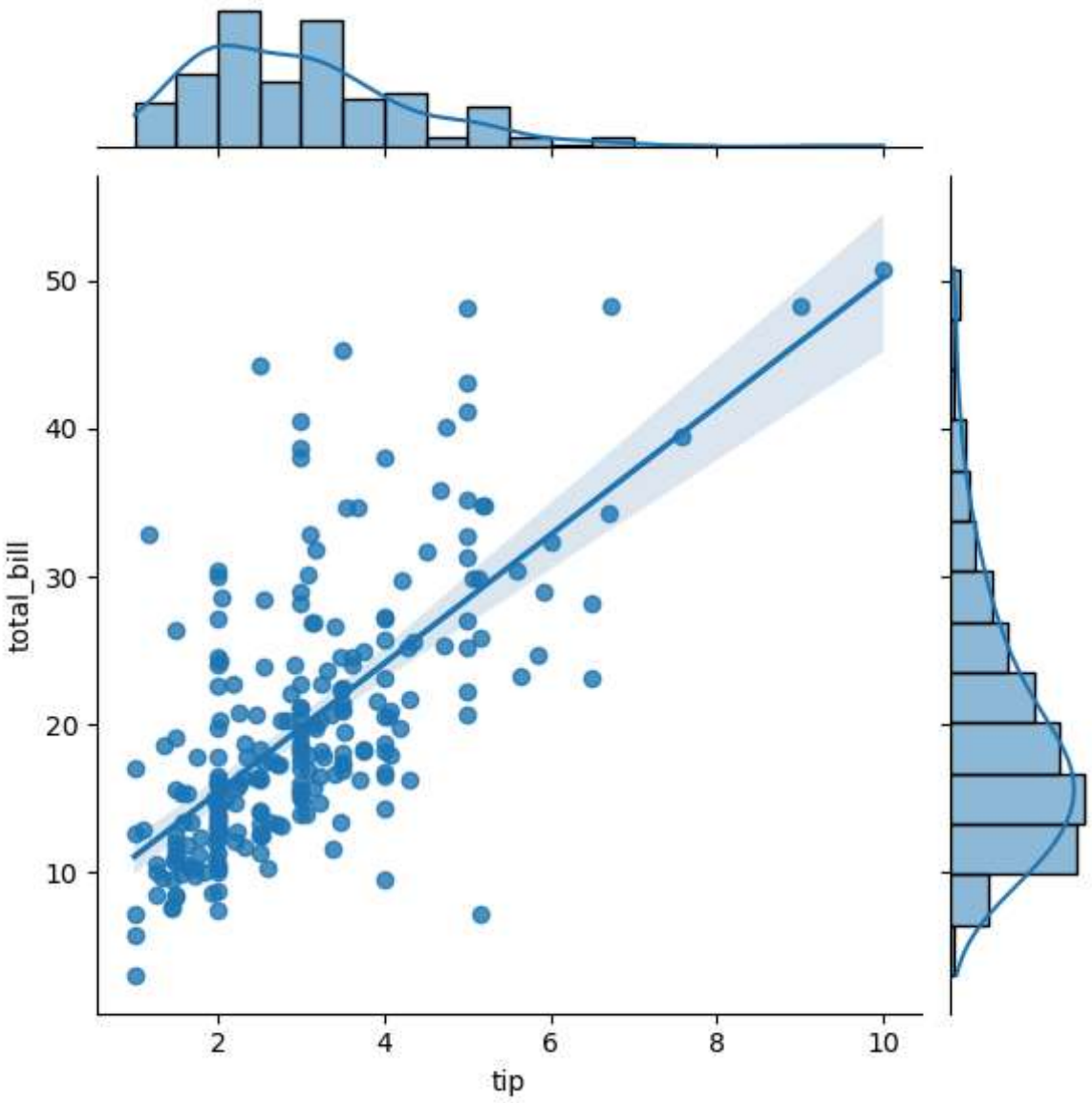
In [5]:
```
sns.jointplot(x=tips.tip,y=tips.total_bill)
```

Out[5]:
```
<seaborn.axisgrid.JointGrid at 0x25cb9c303d0>
```



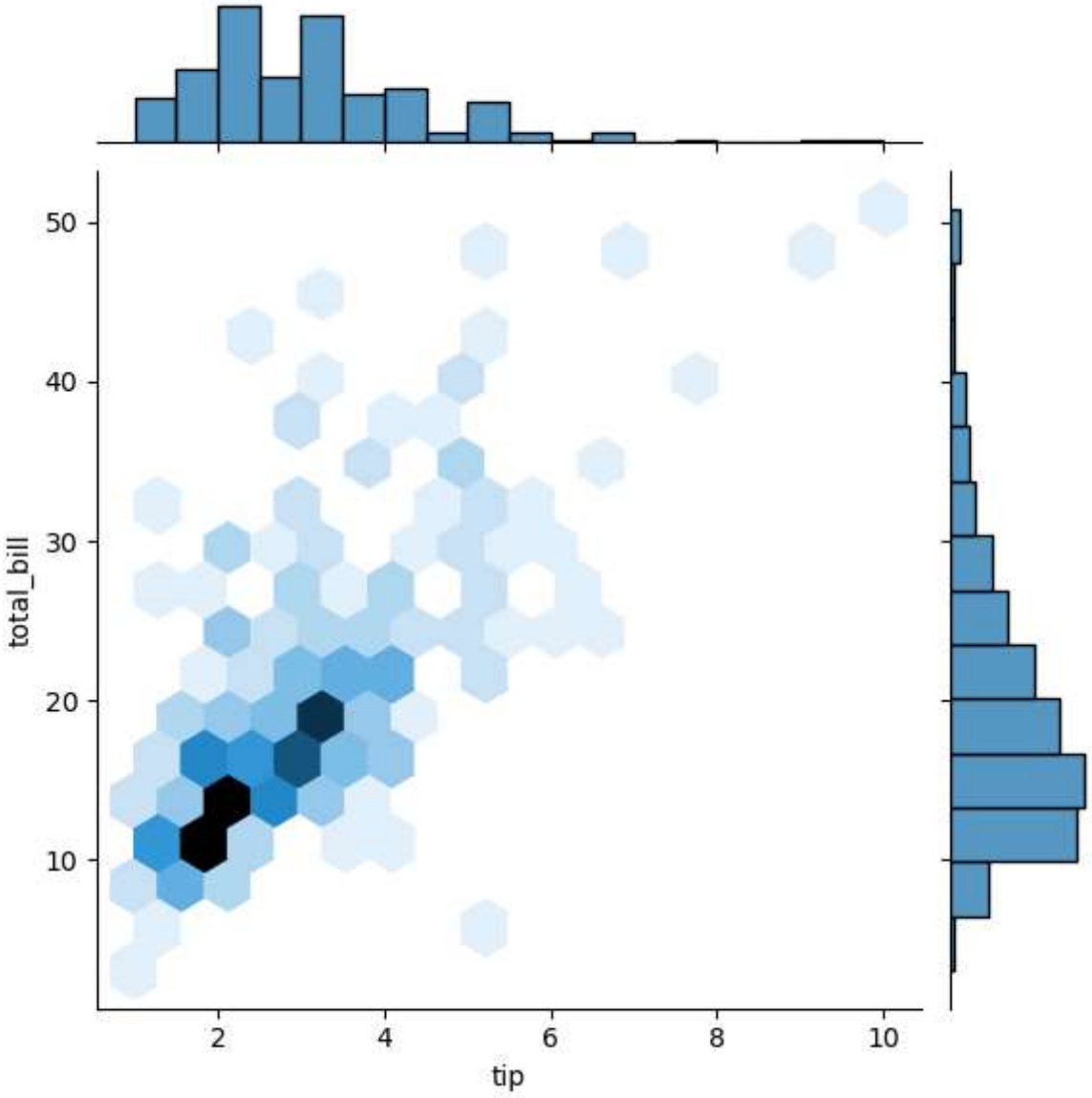
In [6]:
```
sns.jointplot(x=tips.tip,y=tips.total_bill,kind="reg")
```

Out[6]:
```
<seaborn.axisgrid.JointGrid at 0x25cb9d1cd60>
```



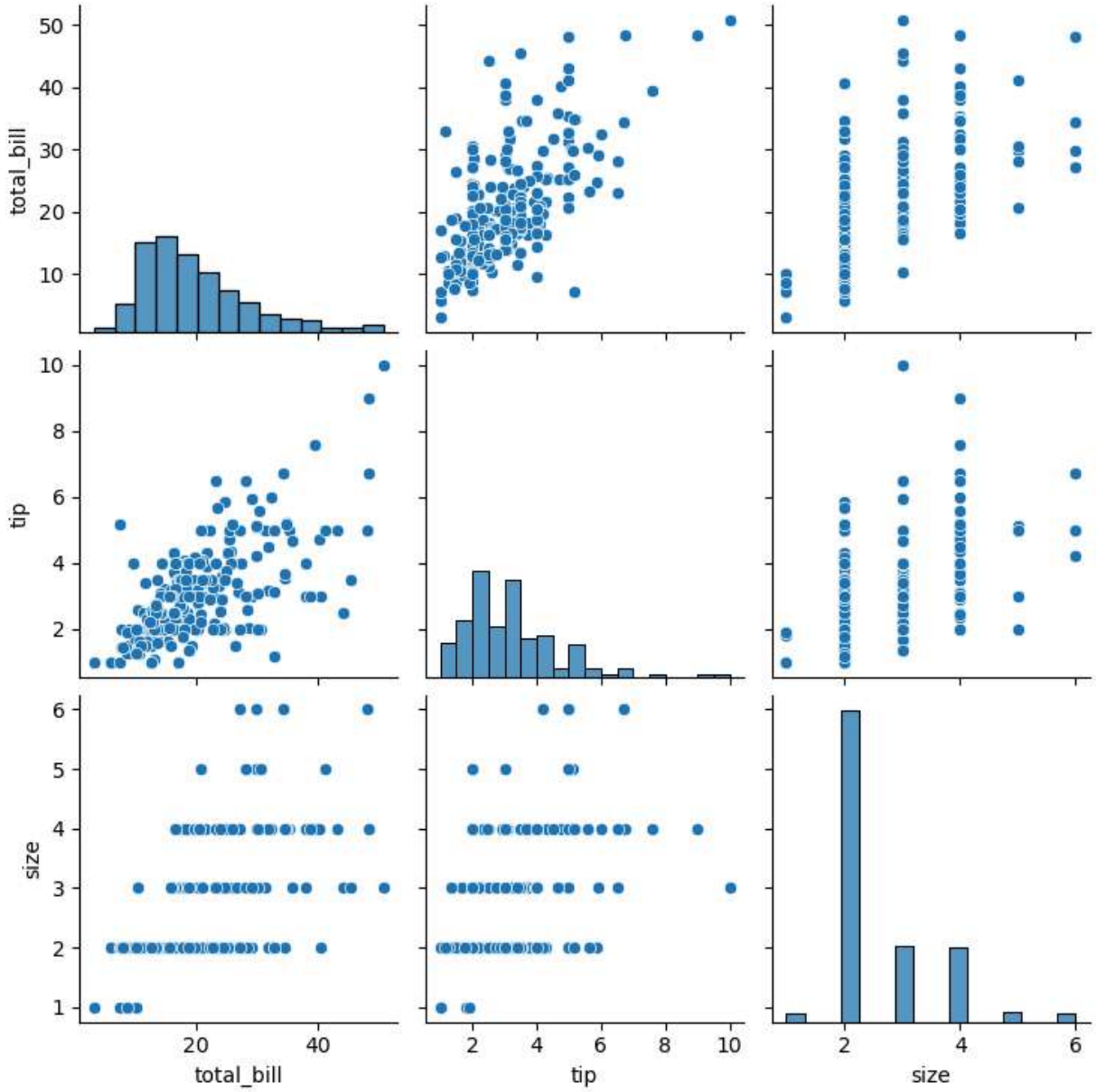
In [7]:
```
sns.jointplot(x=tips.tip,y=tips.total_bill,kind="hex")
```

Out[7]:
```
<seaborn.axisgrid.JointGrid at 0x25cc2d52230>
```



In [8]:
```
sns.pairplot(tips)
```

Out[8]:
```
<seaborn.axisgrid.PairGrid at 0x25cc40f2ad0>
```

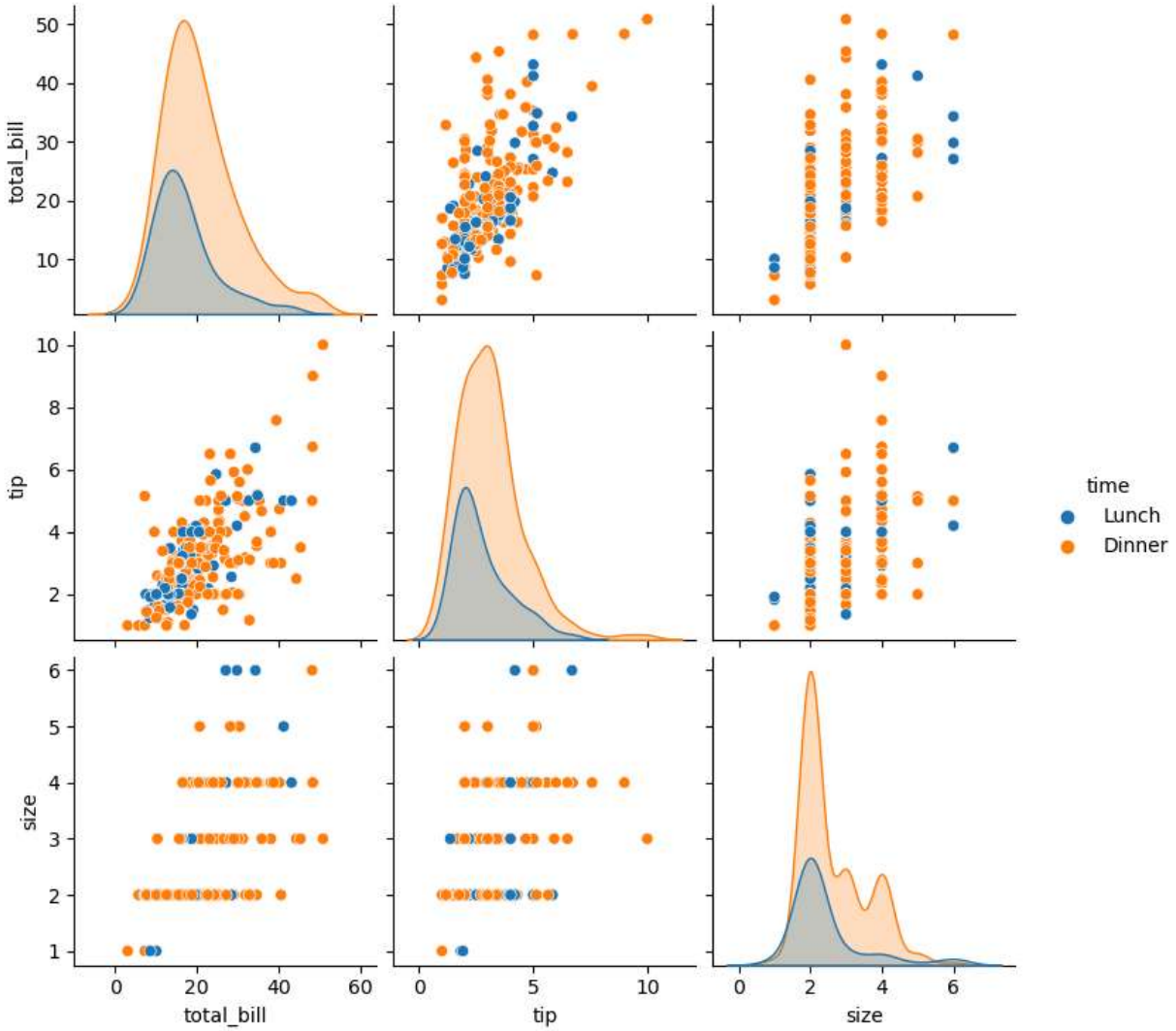


In [9]:
```
tips.time.value_counts()
```

Out[9]:
```
Dinner    176
Lunch      68
Name: time, dtype: int64
```

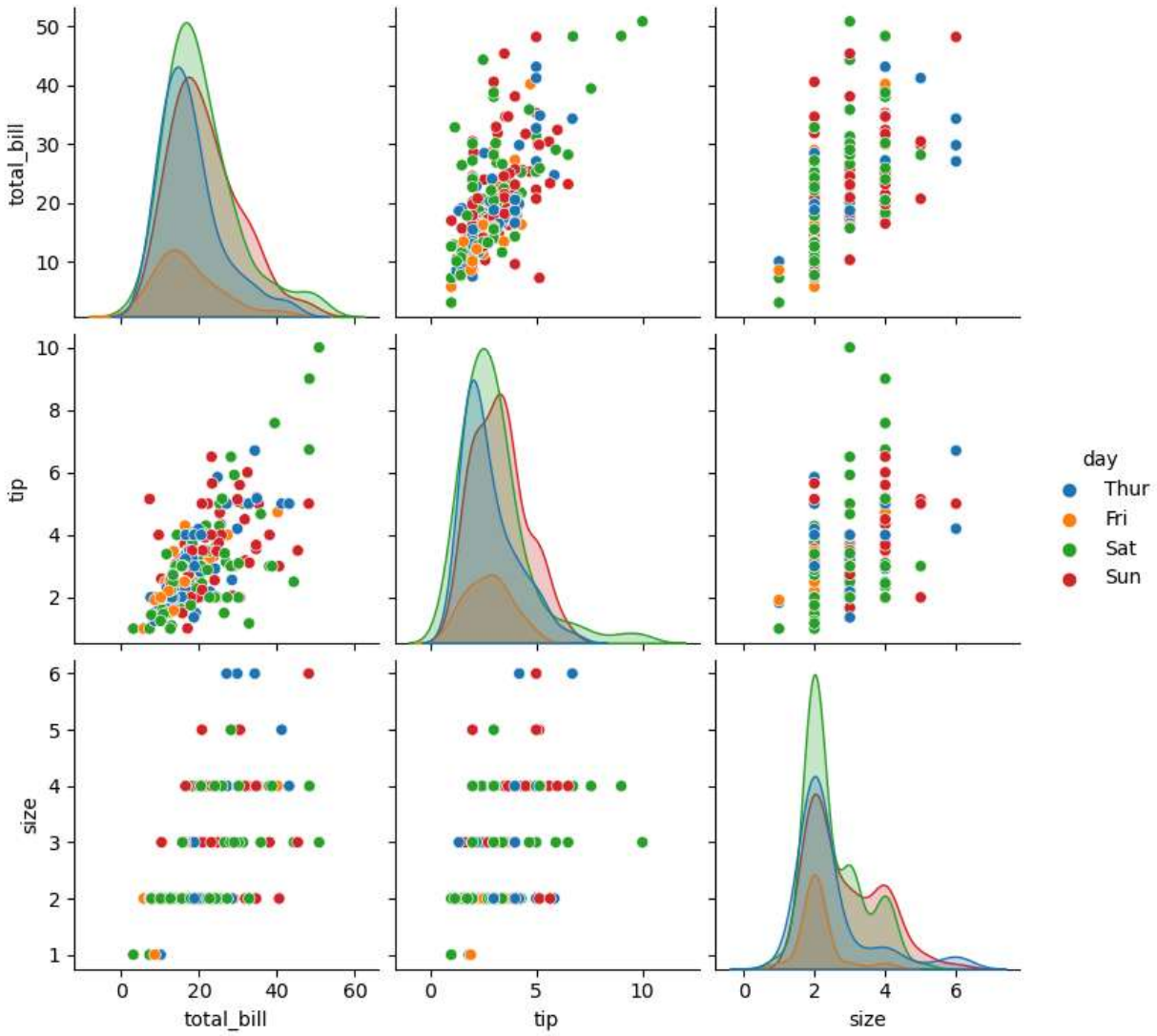
In [10]:
```
sns.pairplot(tips,hue='time')
```

Out[10]: <seaborn.axisgrid.PairGrid at 0x25cc40f2470>



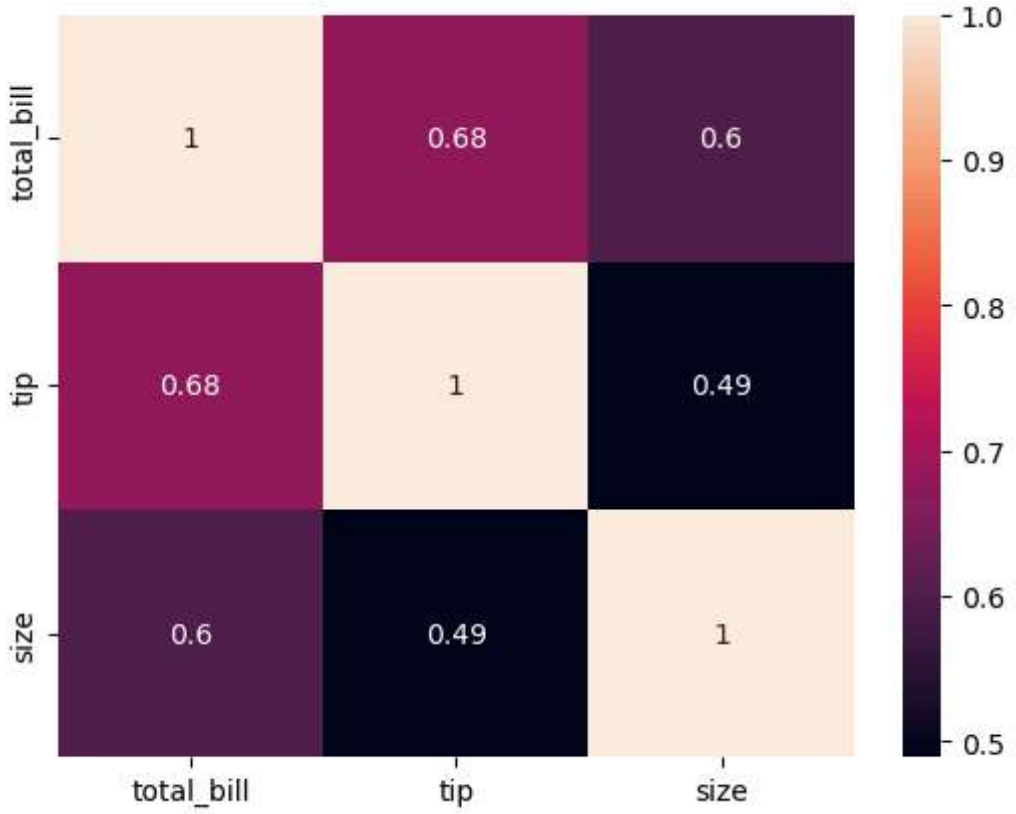
In [11]:
```
sns.pairplot(tips,hue='day')
```

Out[11]: <seaborn.axisgrid.PairGrid at 0x25cc27b0610>



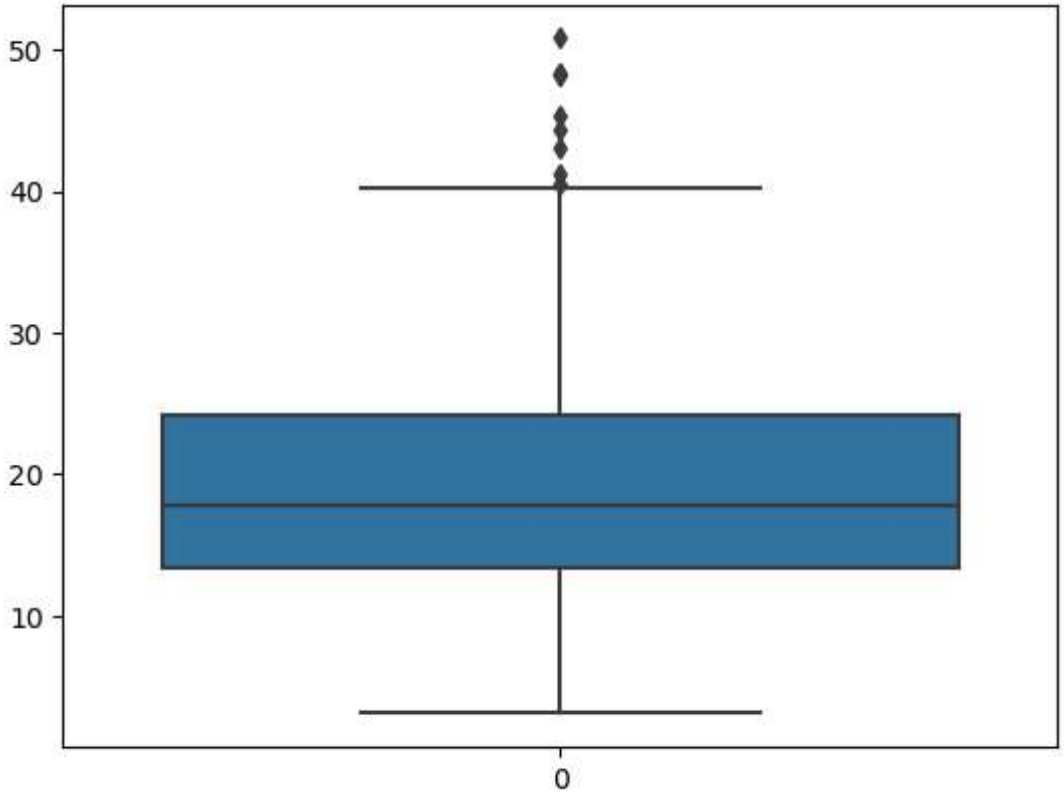
In [12]:
```
sns.heatmap(tips.corr(numeric_only=True),annot=True)
```

Out[12]: <Axes: >



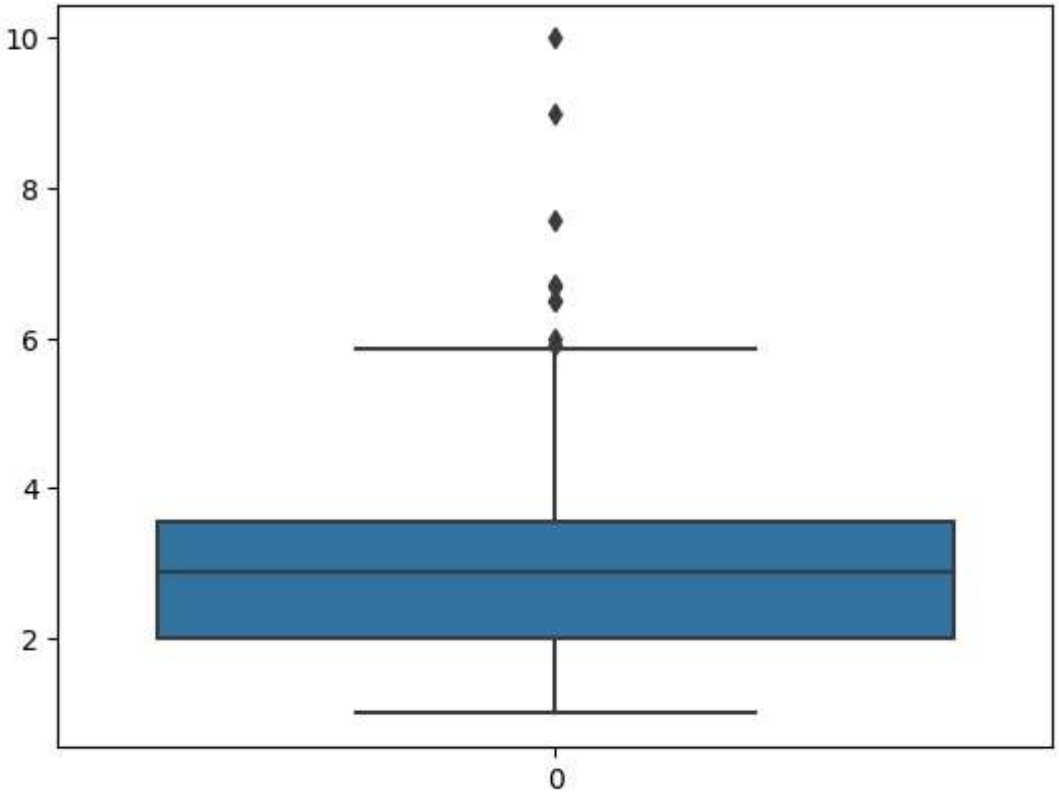
In [13]:
```
sns.boxplot(tips.total_bill)
```

Out[13]: <Axes: >



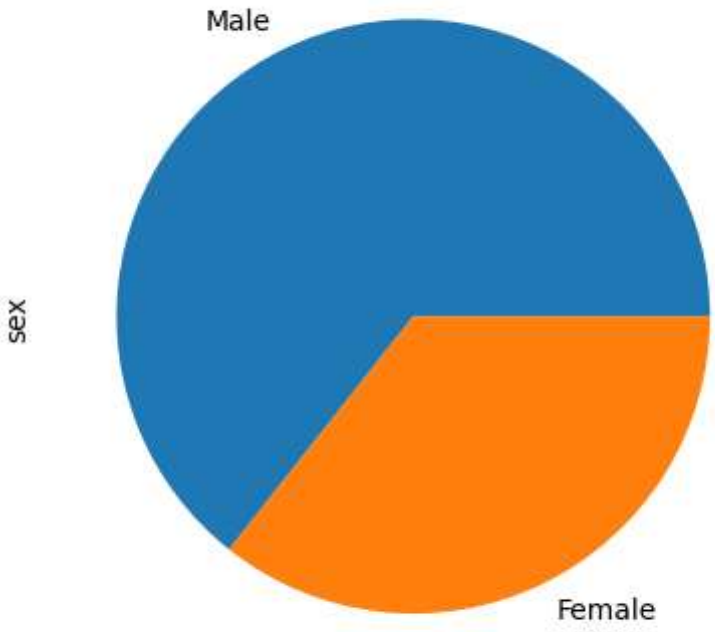
In [14]:
```
sns.boxplot(tips.tip)
```

Out[14]: <Axes: >



In [18]:
```
tips.sex.value_counts().plot(kind='pie')
```

Out[18]: <Axes: ylabel='sex'>



In [19]:
```
tips.sex.value_counts().plot(kind='bar')
```

Out[19]: <Axes: >