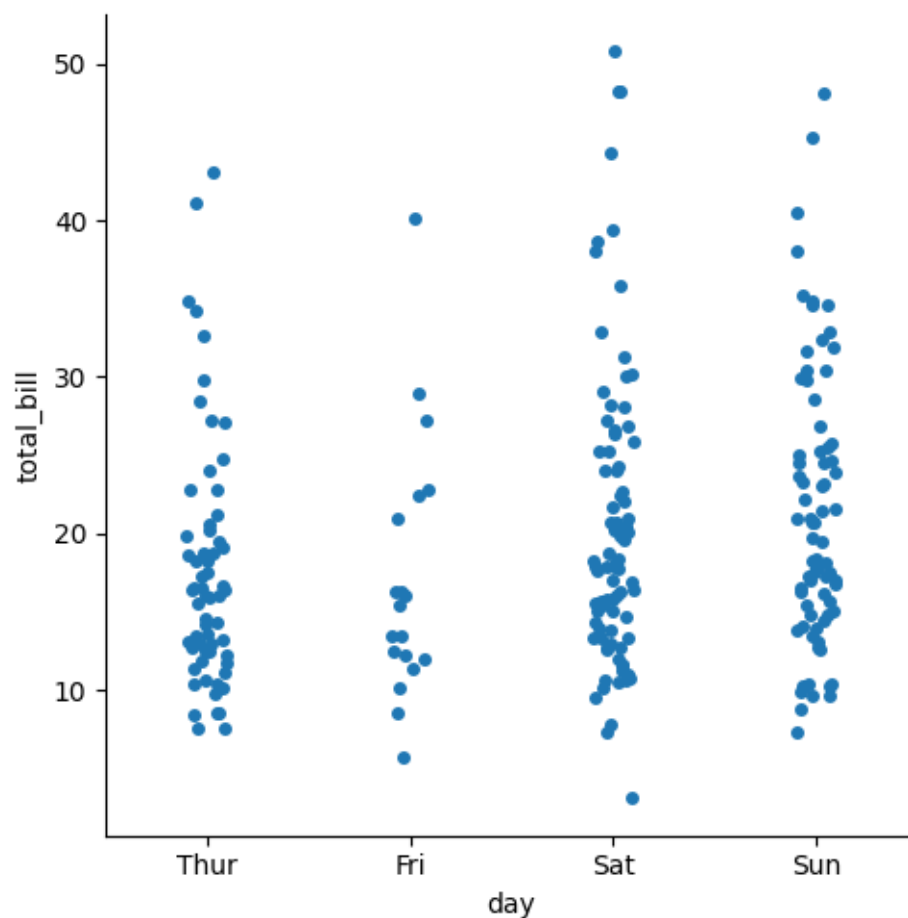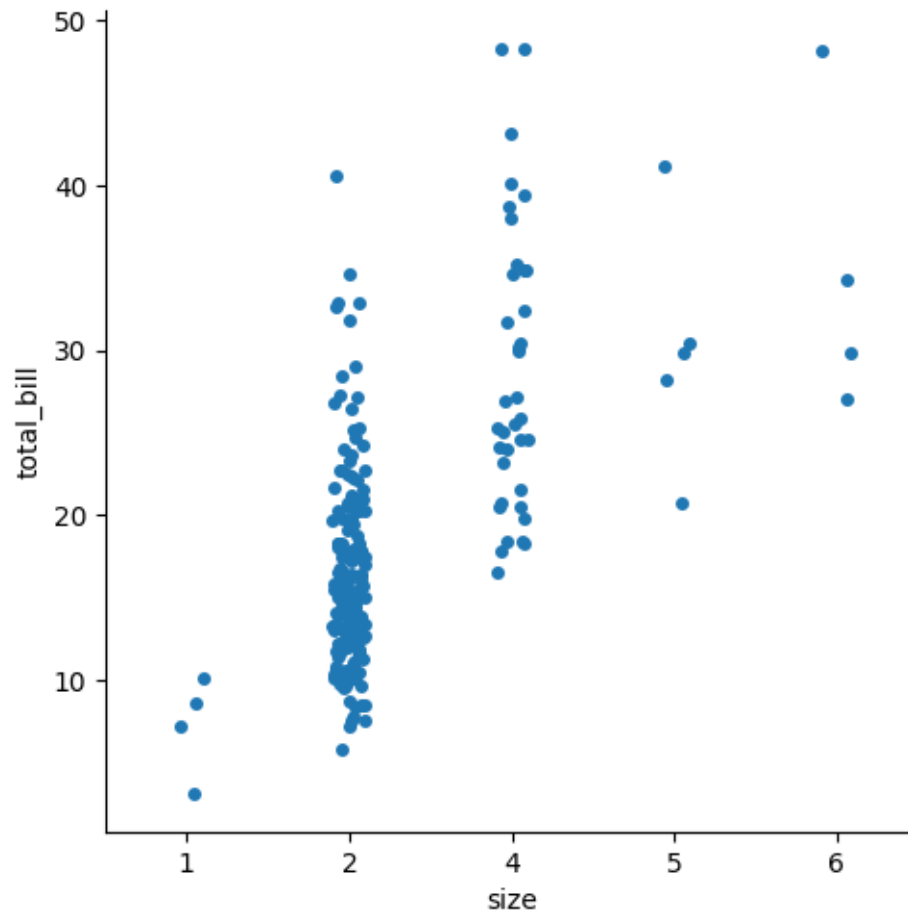**Name: Saras Kakde**

Roll no :524

Batch :E2

Pratical_No:5

Code:

```python
from matplotlib import pyplot as plt
import numpy as np
import pandas as pd
import seaborn as sns
tps_data=pd.read_csv("/content/tips.csv")
tips = sns.load_dataset("tips")
sns.catplot(data=tips, x="day", y="total_bill")
```
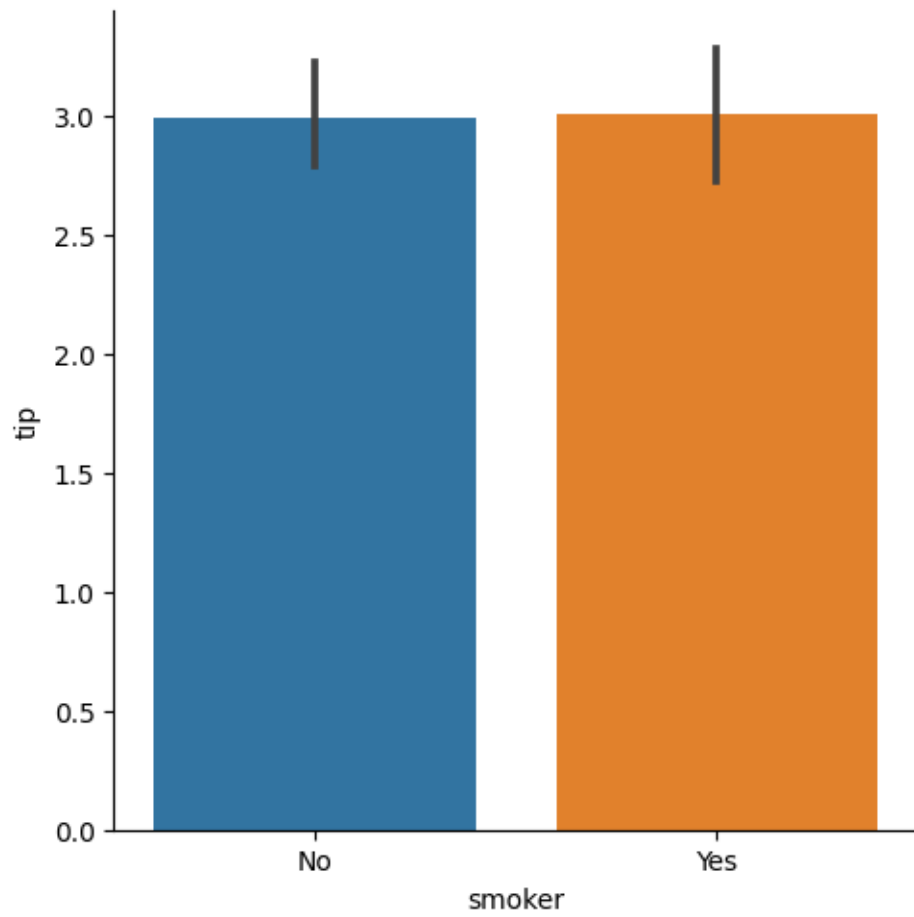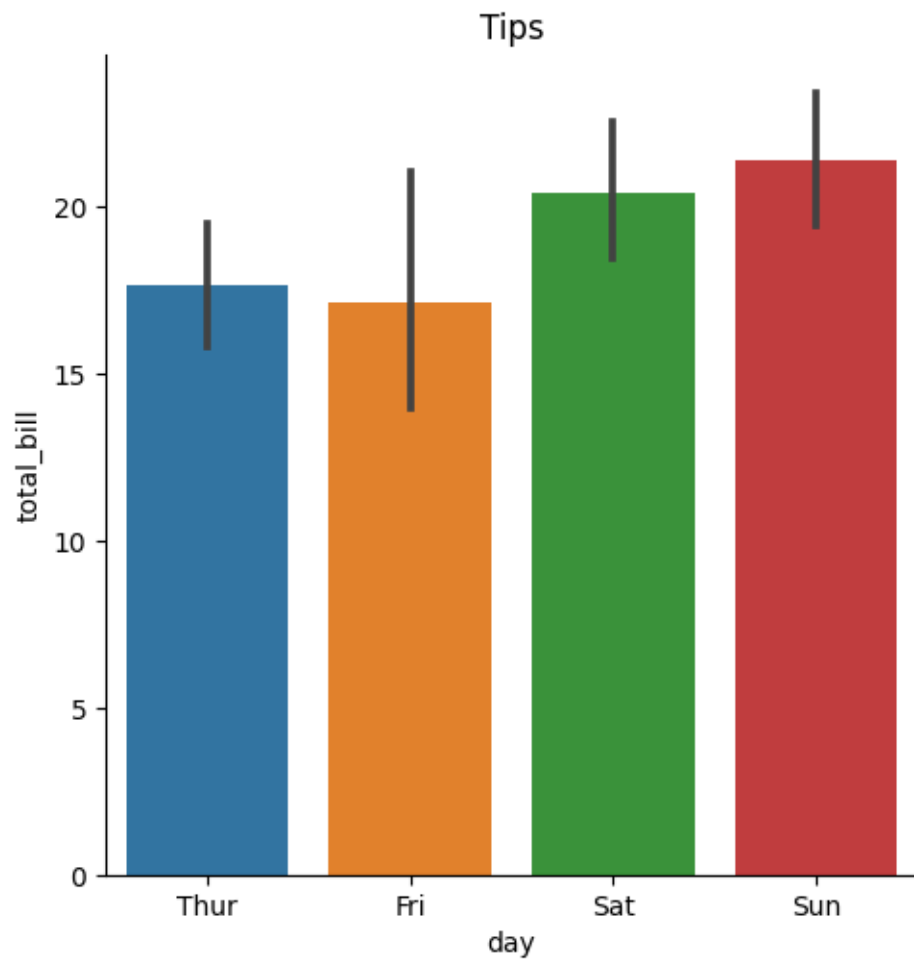
```
sns.catplot(data=tips.query("size != 3"), x="size", y="total_bill")
```
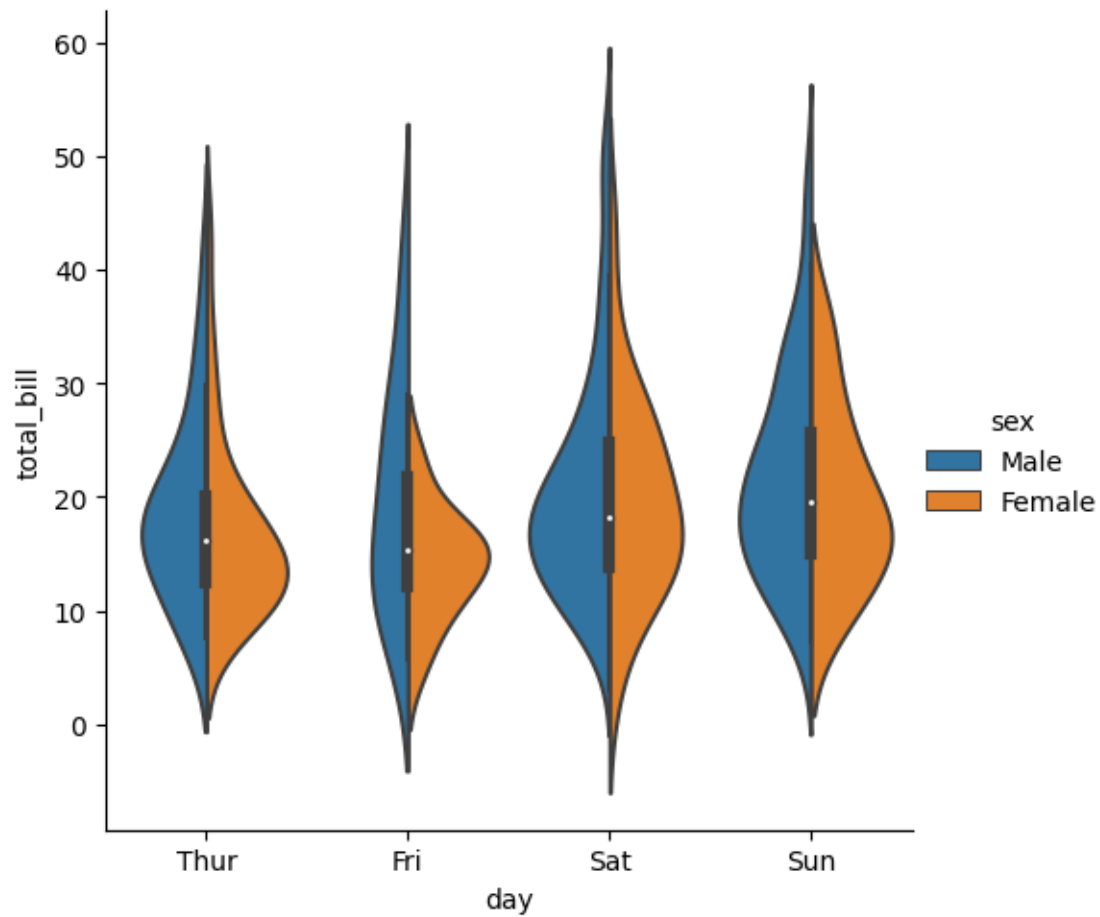


```
sns.catplot(data=tips, x="smoker", y="tip", order=["No",
"Yes"],kind='bar')
```

```
import pandas as pd
sns.catplot(data=tips, x="day", y="total_bill", kind="bar")
plt.title('Tips')
```
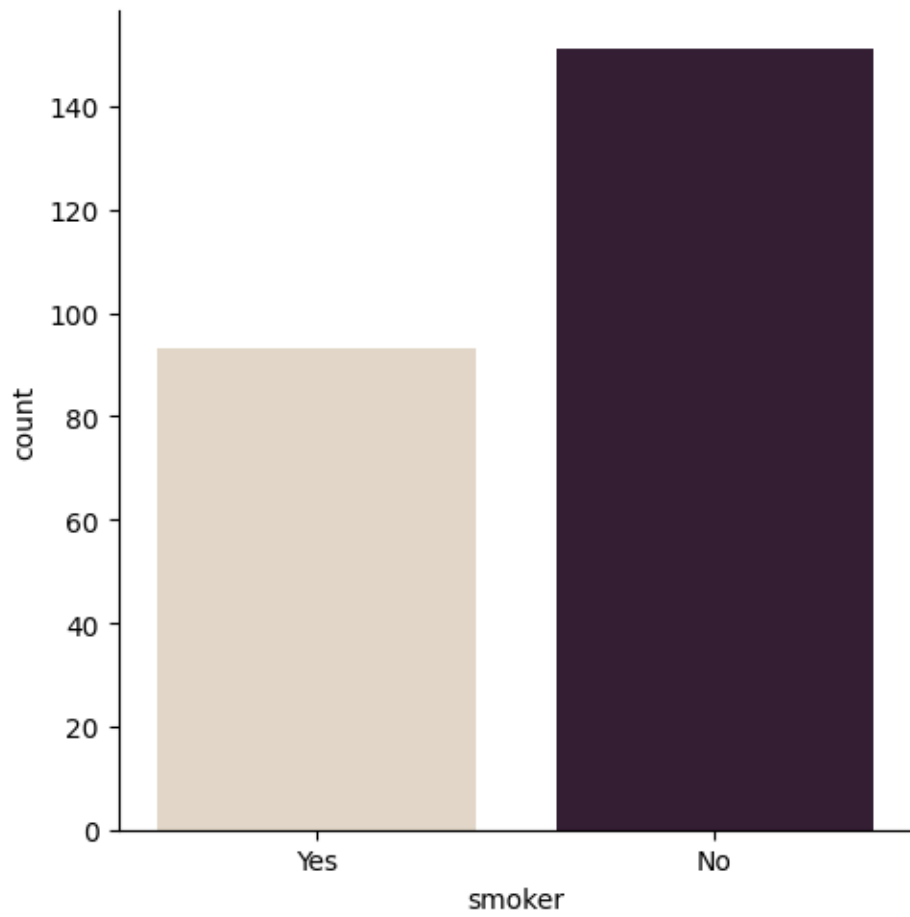
Tips

```
sns.catplot(
 data=tips, x="day", y="total_bill", hue="sex",
 kind="violin", split=True,
)
```

```
sns.catplot(data=tips, x="smoker", kind="count", palette="ch:.25")
```
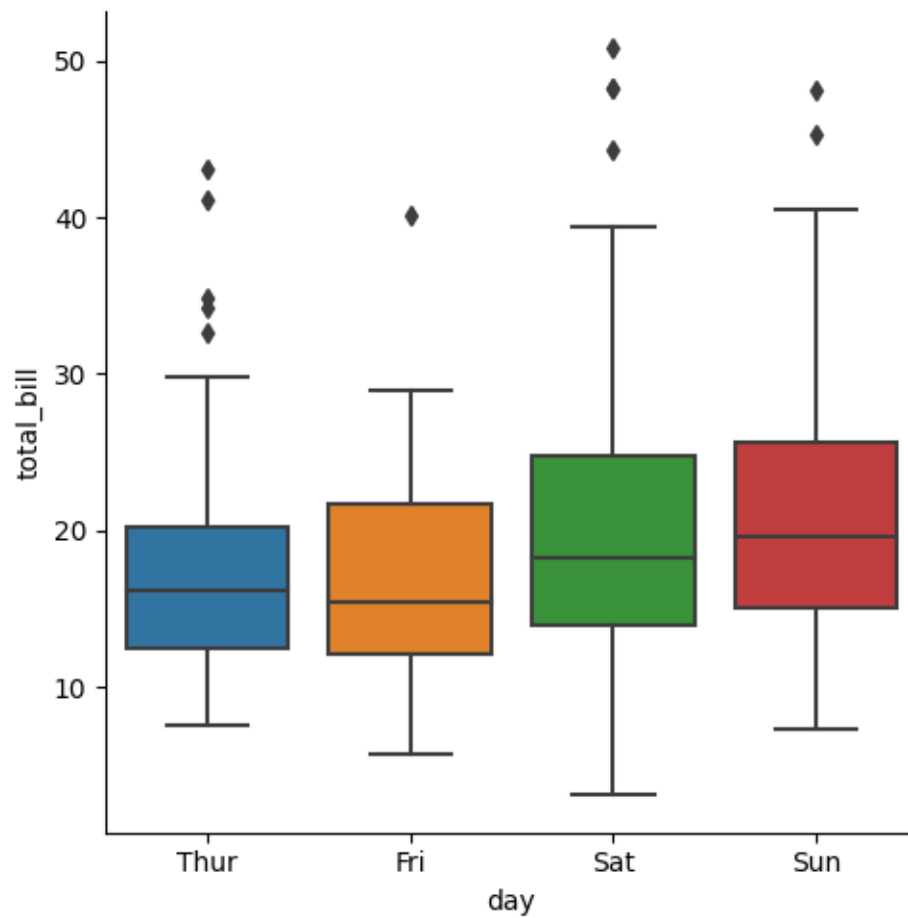
```
sns.catplot(
 data=tips, x="day", y="total_bill", hue="smoker",
 kind="swarm", col="time", aspect=.7,
)
sns.catplot(
 data=tips, x="day", y="total_bill", hue="smoker",
 kind="swarm", col="time", aspect=.7,
)
sns.catplot(
 data=tips, x="day", y="total_bill", hue="smoker",
 kind="swarm", col="time", aspect=.7,
)
```

```
sns.catplot(
 data=tips, x="day", y="total_bill", hue="smoker",
 kind="swarm", col="time", aspect=.7,
)
```
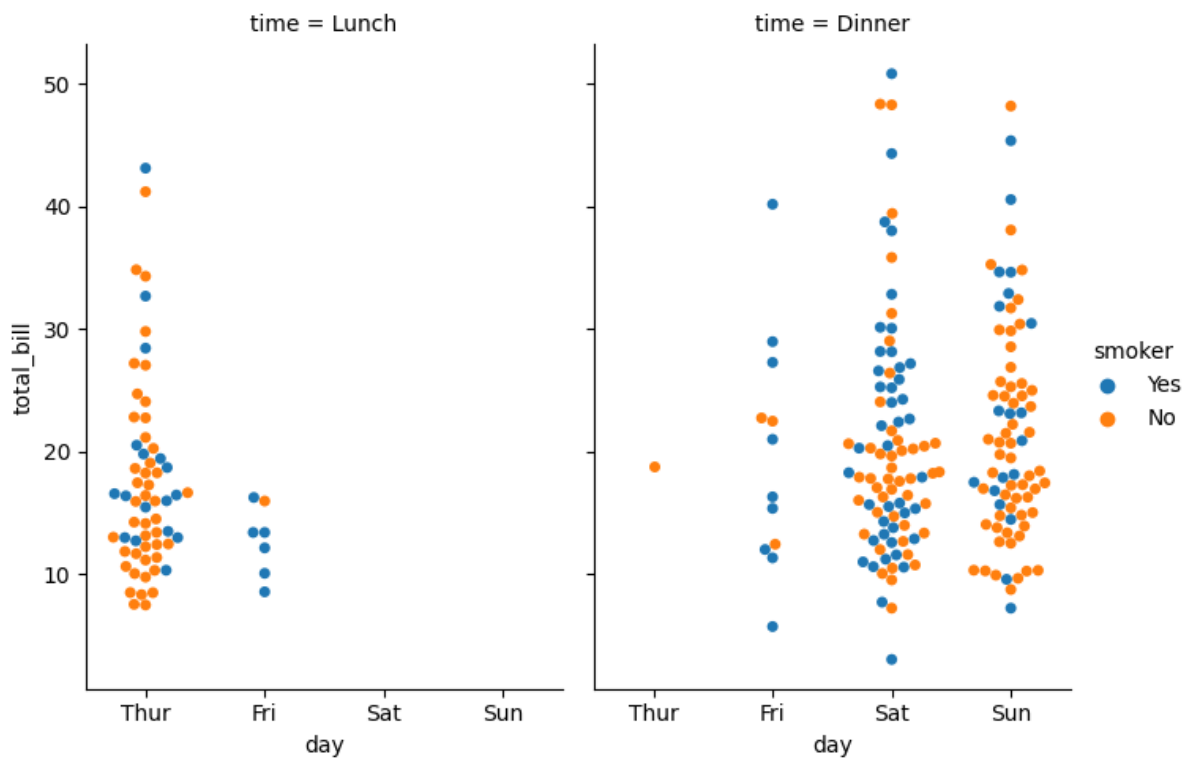
```
sns.catplot(data=tips, x="day", y="total_bill", kind="box")
```



```
sns.catplot(
```

```
data=tips, x="total_bill", y="day", hue="sex",
palette={"Male": "g", "Female": "m"},
markers=["^", "o"], linestyles=["-", "--"],
kind="point"
)
```