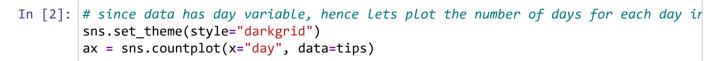
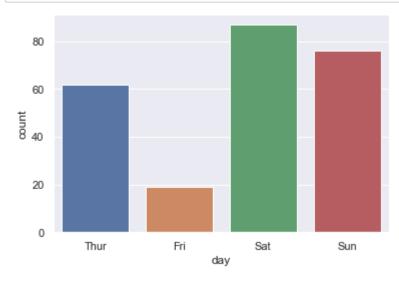
```
In [1]: import seaborn as sns
tips = sns.load_dataset('tips')
tips.head()
```

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

Q1) Which is the busiest week of the day?

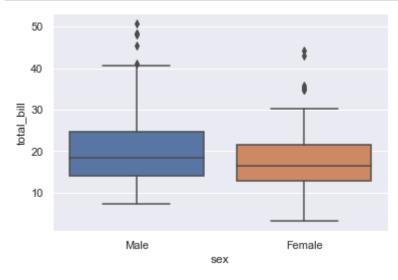




From the plot above, we can say that the busiest week of the day is Saturday

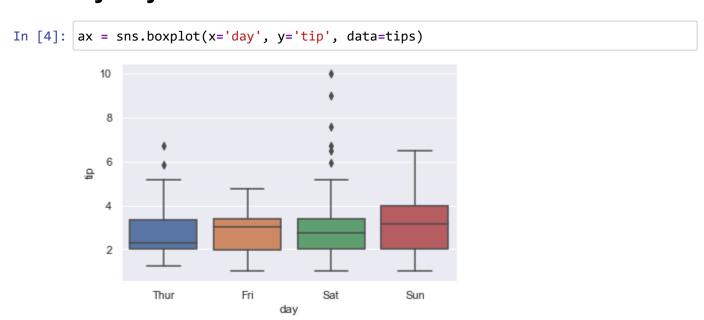
Q2) How does the total bill vary by sex?





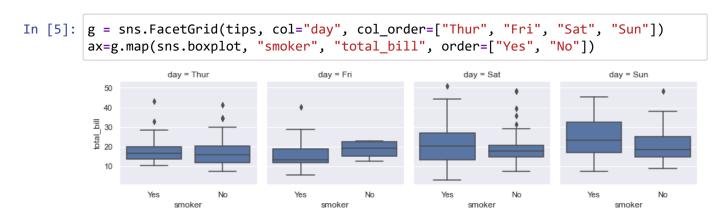
From the plot above, we can say that the Male are spending more then Female

Q3) Plot a box plot to see how Tip amount vary by day of the week?



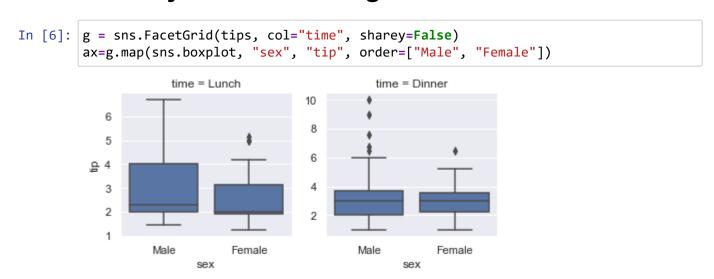
On average, tips generally on lower side on Thursday, and on higher side on Sunday Also, Saturday seems to have a lot of outliers, so it could be a lucky day for waiters

Q4) Draw a plot to find out of smokers pay more or less than non-smokers on Weekends? How about Friday?



Smokers are generally paying more than non-smokers, on weekends. On Friday, smokers are paying less than non-smokers.

Q5) Draw an appropriate plot to find out, between Male and Female, who tips higher on Dinner? Is this any different during Lunch?



Male and Female, on average tip similary(if we compare the median) for dinner. Male, generally have higher variation on tipping in dinner.

During Lunch, Male tip higher than Female.