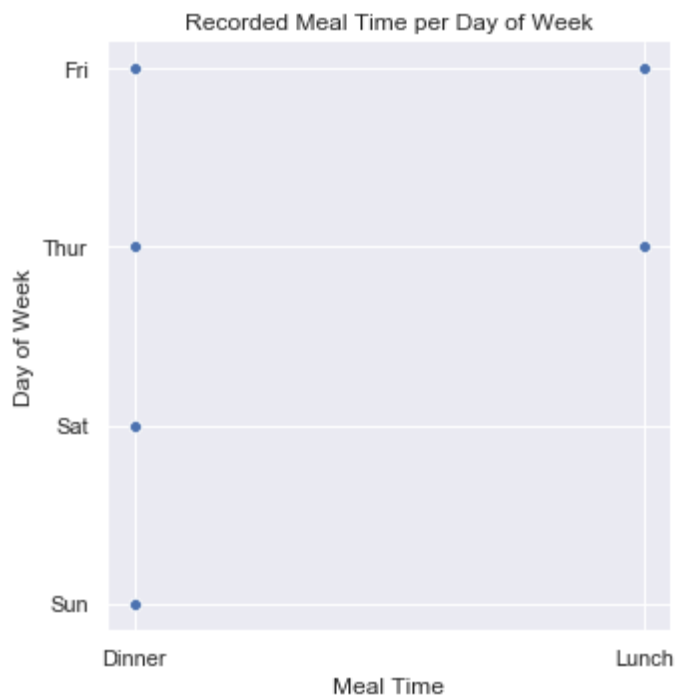


a) Are there days of the week on which the dataset covers only one meal, i.e., either lunch or dinner? For the following code:

```
dayMeal=sns.relplot(x="time",y="day",data=tips)
plt.xlabel("Meal Time")
plt.ylabel("Day of Week")
plt.title("Recorded Meal Time per Day of Week")
plt.show(dayMeal)
```

we get this plot:



Which tells us that on Saturdays and Sundays we only have records for the dinner meal.

b) Was the highest tip given by a man or a woman?
For the following code:

```
tipPerTotal = sns.relplot(x="total_bill", y="tip",hue="sex", data=tips);
plt.xlabel("Total Bill")
plt.ylabel("Tips")
plt.title("Tips per Total Bill Amount")
plt.show(tipPerTotal)
```

we get this plot:



Figure 1: Tips per Total Bill Amount

This plot tells us that the highest tip was given by a man.

c) Was the highest tip given for the highest total bill?

From Figure 1 from the previous question, we can see that indeed, the highest tip was given for the highest total bill.