Smart Buildings Lab 2

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```
In [ ]: import pandas as pd
import matplotlib.pyplot as plt
import seaborn as sns

df = pd.read_csv('lab2.csv')
```

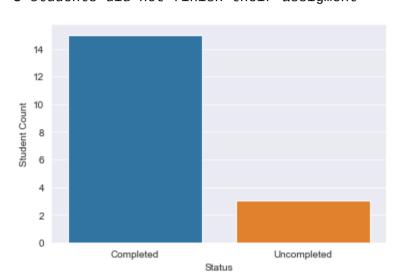
Questions

How many students didn't finish their assignments according to GitHub?

```
In []: completed = len(df)
    uncompleted = 18 - completed
    print(f'{uncompleted} students did not finish their assignment')

p = sns.barplot(x = ['Completed', 'Uncompleted'], y = [completed, uncompleted])
    p.set(xlabel='Status', ylabel='Student Count')
    plt.show()
```

3 students did not finish their assigment



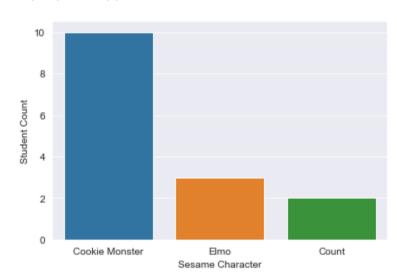
How many students support Elmo?

```
In []: sesame_counts = df['sesame'].value_counts()
    elmo = sesame_counts['elmo']

print(f'{elmo} people support Elmo')

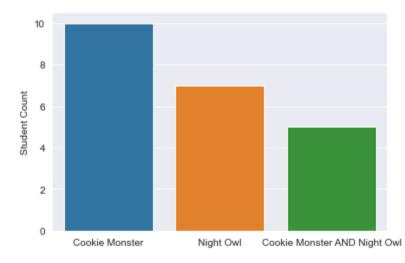
p = sns.barplot(x = ['Cookie Monster', 'Elmo', 'Count'], y = sesame_counts)
p.set(xlabel='Sesame Character', ylabel='Student Count')
plt.show()
```

3 people support Elmo



How many students support cookie monster and are night owls?

5 people support Cookie Monster and are night owls



How many students do not support Elmo, does not play rock, and are morning birds?

6 students do not support Elmo, does not play rock, and are morning birds

