Leonardo Miranda

I basically had to relearn python after not having touched it in a year from 351. I relearned Python by simply googling all the loops, how to read files, and how Lists worked. Once I felt comfortable with the basics, it was time for us to start coding. To begin with, we knew that we would use a web scraper to help with gathering events and information about it but we were not sure yet exactly how it would work, so to get the ball rolling, Al and I were tasked with creating a parser to split in the information passed using sample data provided by Abdullah and Yazeed. To start, a file with the information would be passed with the different attributes being separated by "$" and events separated by ";".

Example:

My first attempt was the following

```
myString = "Metallica\"$\"8/10/18\"$\"4:00\"$\"San Diego\"$\"California\"$\"$150\"$\"121 Park Ave\"$\"Metal\"$\"Metallica will perform at
Name, Date,Time,City,State,Price,Address,Category,Description,Link,Restriction = myString.split('\"$\"', 11)
print(Name)
print(Date)
print(Time)
print(City)
print(State)
print(Price)
print(Address)
print(Category)
print(Description)
print(Link)
print(Restriction)
```

Once I got that, it evolved to this:

```
import re
import io


def main():

    with io.open("DummyData.txt", "r", newline=None) as fd:
        List = []
        for line in fd:

            line = line.rstrip()
            if len(line) > 0:
                print('\n')
                tokens = line.split('\";\"')[0].split('\"$\"')
                for x in tokens:
                    List.append(x)
                    print(x)


if __name__ == "__main__":
    main()
```

I was proud to be able to pick away at what needed to be parsed. Each line is passed

and it starts with getting rid of the endline by using .rstrip(), and then if the if statement

weren't there, an empty space would be added to the List. Once those two lines of code

are passed, the line will know that the string ends at the ";" and splits the strings at "$",

and then the List is appended. Looking back it was pretty simple but at the time I was

really proud of myself for taking the time and making sure everything worked well. What I was going to make next was a class for the events but Yazeed hopped onto the task first.

This was unfortunately the last main part I had with the project. Since Mauricio worked on the web scraper, Andrew on the connection with Google Calendars, and Yazeed and Abdullah on the UI and connecting all of our code, my role took a back seat awaiting another task to fall at hand but my chance did not come. I had become more occupied with my Mobile class, and that project. With that project I was much more hands on since it was only a group of 4 but it soon became just two of us working on it. In that project I fully understood the pain of carrying the weight of missing teammates. So in this project I felt guilt of not being as involved. It was only at the end where I was able to help work on the presentation.