

Program Assignment – Session 2

<https://colab.research.google.com/drive/1Rc2btZpW7K2UIGBAAdFbE2D32p0uweiUZ?fbclid=IwAR204IkoKm8RrOBHphaHwcmaOfp2xjT-5BcVt70Q8Xl4nJerfO4aEyxrngw#scrollTo=2CMLMZhiS80z>

Getting Started

Please download the two files 'PatientNames' and 'PatientTimes' to your desktop. The 'PatientNames' file contains a list of all the patients you are seeing tomorrow. The 'PatientTimes' file contains a list of times of the appointments. Each patient name index corresponds to the same index of their time (i.e. the appointment time for the **second** patient in 'PatientNames' will be the **second** value in 'PatientTimes').

Please paste the following code into your notebook to import the files into python.

```
from google.colab import files
import io
import pandas as pd

PatientNames = files.upload()
#choose files, upload PatientNames.csv

PatientTimes = files.upload()
#choose files, upload PatientTimes.csv

PatientNames = pd.read_csv(io.StringIO(PatientNames['PatientNames.csv'].decode('utf-8')))
PatientTimes = pd.read_csv(io.StringIO(PatientTimes['PatientTimes.csv'].decode('utf-8')))

PatientNames = PatientNames.iloc[:,0].tolist()
PatientNames = [el.replace(' \xa0','') for el in PatientNames]
PatientTimes = PatientTimes.iloc[:,0].tolist()
PatientTimes = [el.replace(' \xa0','') for el in PatientTimes]

PatientTimes
PatientNames
```

Now you are ready for the assignment!

Assignment Questions:

1. How many patients are you seeing tomorrow?

2. Who is your last patient of the day?
3. Lena Barr calls to cancel her appointment. Remove her from the schedule.
4. Sarah calls and asks if her appointment is today. What do you tell her?
5. What time is Tyriq Appleton's appointment?
6. Create a dictionary where the patient name is the key and their appointment time is the entry. It should have the format PatientDict = {'name1': time1, 'name2': time2}