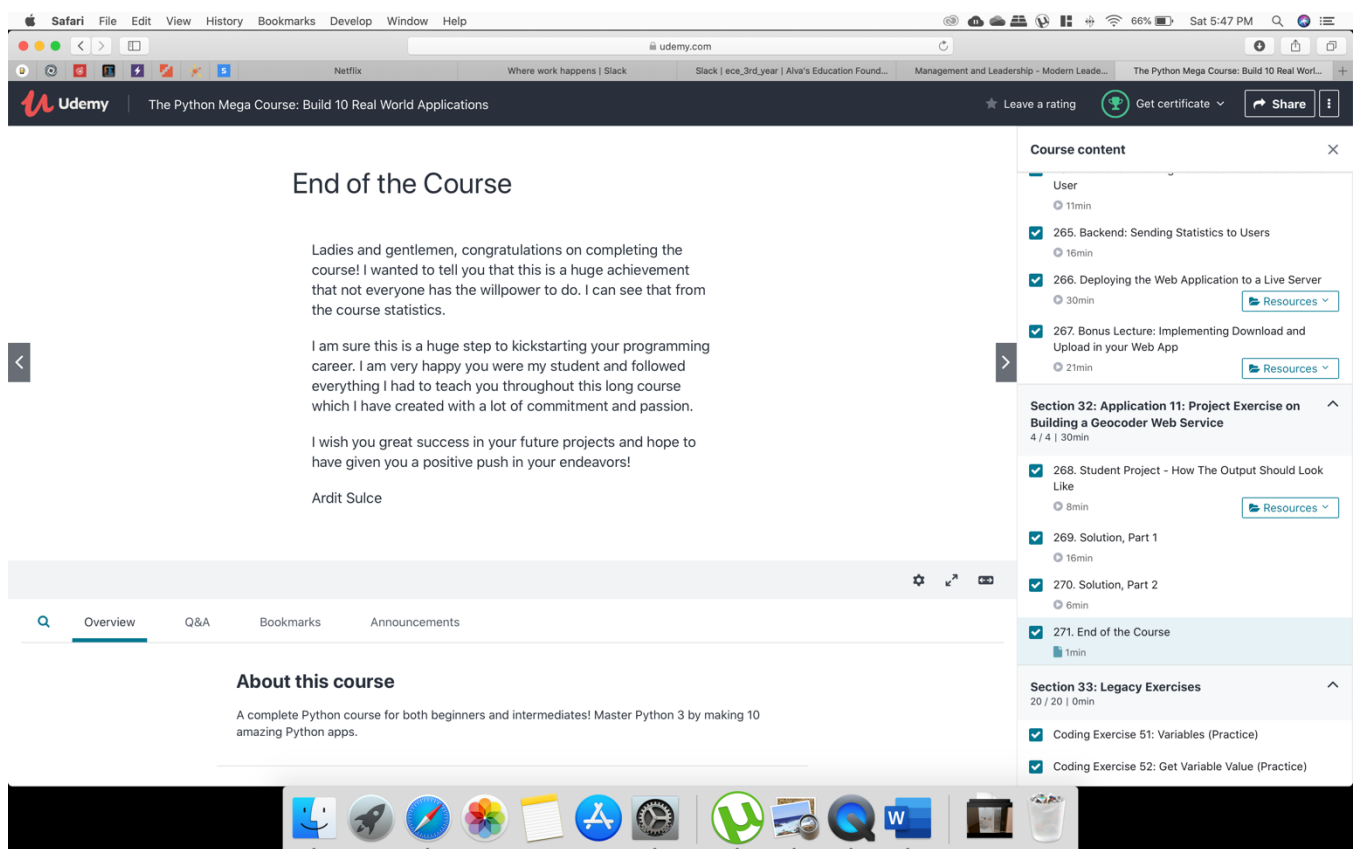


## Daily Assessment

Date:	06-06-2020	Name:	Prajwal Kamagethi Chakravarti P L
Course:	Udemy-python	USN:	4AL17EC073
Topic:	Application 11: Project Exercise on Building a Geocoder Web Service	Semester &Section:	6 <sup>th</sup> & B
GitHub repository	<a href="https://www.github.com/alvas-education-foundation/Prajwal-Kamagethi.git">https://www.github.com/alvas-education-foundation/Prajwal-Kamagethi.git</a>		

### AFTERNOON SESSION DETAILS

#### Image of session



#### Report –

```
from flask import Flask, render_template, request, send_file
from geopy.geocoders import ArcGIS
import pandas
import datetime

app=Flask(__name__)
```

```
@app.route("/")
def index():
    return render_template("index.html")

@app.route('/success-table', methods=['POST'])
def success_table():
    global filename
    if request.method=="POST":
        file=request.files['file']
        try:
            df=pandas.read_csv(file)
            gc=ArcGIS(scheme='http')
            df["coordinates"]=df["Address"].apply(gc.geocode)
            df['Latitude'] = df['coordinates'].apply(lambda x: x.latitude if x != None else None)
            df['Longitude'] = df['coordinates'].apply(lambda x: x.longitude if x != None else None)
            df=df.drop("coordinates",1)
            filename=datetime.datetime.now().strftime("sample_files/%Y-%m-%d-%H-%M-%S-%f"+"%.csv")
            df.to_csv(filename,index=None)
            return render_template("index.html", text=df.to_html(), btn='download.html')
        except Exception as e:
            return render_template("index.html", text=str(e))

@app.route("/download-file/")
def download():
    return send_file(filename, attachment_filename='yourfile.csv', as_attachment=True)

if __name__=="__main__":
    app.run(debug=True)
```

# *Certificate of Completion*

*This is to certify that **Prajwal Kamagethi Chakravarti P L** successfully completed 25.5 total hours of **The Python Mega Course: Build 10 Real World Applications** online course on June 6, 2020*

*Ardit Sulce*  
Ardit Sulce, Instructor

&  
 Udemy

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#BeAble