**DAILY ASSESSMENT FORMAT**

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| **Date:** | **06-06-2020** | **Name:** | **Kavya M M** |
| **Course:** | **python** | **USN:** | **4AL17EC040** |
| **Topic:** | **Application 11** | **Semester & Section:** | **6th A** |
| **Github Repository:** | **Kavya\_ECE040** |  |  |

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| **FORENOON SESSION DETAILS** |
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| 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) |