This is for the old homework.

Flask Routes

First part is just basic HTML to list the text and clickable link on the page.

<h1> is the header

<ul><li>is an unordered list

<a href> is the link. The text that follows is what visitors see.

The @app.route tells Flask what URL should trigger which function. So when someone clicks on the precipitation link, the precipitation function is triggered.

max\_date = session.query(Measurement.date).order\_by(Measurement.date.desc()).first()

🡪This is finding the measurement dates, putting them in descending order and returning the first result.

max\_date = max\_date[0]

🡪Makes it a tuple.

year\_ago = dt.datetime.strptime(max\_date, "%Y-%m-%d") - dt.timedelta(days=366)

🡪Formats the date and returns data going back a year.

results\_precipitation = session.query(Measurement.date, Measurement.prcp).filter(Measurement.date >= year\_ago).all()

🡪Finds the precipitation values going back a year.

precipitation\_dict = dict(results\_precipitation)

🡪Puts the results into a dictionary

return jsonify(precipitation\_dict)

🡪Displays results

np.ravel – Changes tuple into an array. Same as reshape.

If you want more, just let me know.