

Progr. Project #2 - Week 3 - Assignment 01

- The NOAA National Weather Service API offers the forecast using the web service:
 - `https://api.weather.gov/gridpoints/{office}/{gridX},{gridY}/forecast`
 - This one was employed in the example from slides 14 to 17.
- However, in this example, you need to input the parameters of **office**, **gridX**, and **gridY**, but this information is also available in another NOAA National Weather Service API web service:
 - `https://api.weather.gov/points/{latitude},{longitude}`
- Create a client API App that asks the user a latitude and a longitude, then gets the values of the parameters **office**, **gridX**, and **gridY** in order to call the forecast service and describe the forecast for the location of the user input **latitude** and **longitude**.



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- Your client App API can be coded in the language of your choice, being Python the natural choice given the example in slides 14 to 17, but the Go REST API App demonstrated in slide 11 is also an interesting source.
- Your code must be your own, cite all sources that may have inspired you (not from where you got a code copy).
- The documentation of your code must be sufficient to understand your code, nothing too long.
- The user interface can be a simple, just getting the input parameters **latitude** and **longitude**. Also, the forecast output can be your choice.

Your task:

- Save your program code and submit it in the appropriate Canvas until Next Wednesday.

This assignment counts towards
the Coding Projects grade.



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