Development Challenge

# Overview

We would like you to build simple bot using the Microsoft BotBuilder SDK on NodeJS to perform the following functions:

1. Greet the user when they enter the phrases “hello” or “hi”
2. Ask them whether they would like to view the current weather for their city.
3. If they do, ask them for a city. If not, end the conversation.
4. Get the current weather and report it to the user.
5. Ask them if they want to check another city. If so, repeat steps 3-4. Otherwise end the conversation.

When the conversation has ended, the user should be able to start it again at any point by saying “hello” or “hi”.

An example of this bot can be found here: <https://app.botsociety.io/s/59657b75b2e8b00b00b46452?b=59657f77b2e8b00b00b46464>

You do not need to follow the exact UI, as long as the flow and function is there. You may also choose to get their current location automatically.

# Requirements

1. Use BotBuilder SDK (NodeJS version)
2. Version controlled from the start using git and eventually uploaded to GitHub.

# Tips

There is no need to connect it to Microsoft Bot Connector. We will be testing the bot on the local emulator.

Feel free to use any weather API. One example is <https://openweathermap.org/>.

We high encourage using any NodeJS libraries/SDKs when you can – if someone else has already solved the problem, why re-invent the wheel. At the same time, only use the ones you need.

Less code, the better.

# Considerations

* Code quality
  + Elegance
  + Structure
  + Readability
  + Functional
* Documentation (commit messages, in code, etc).