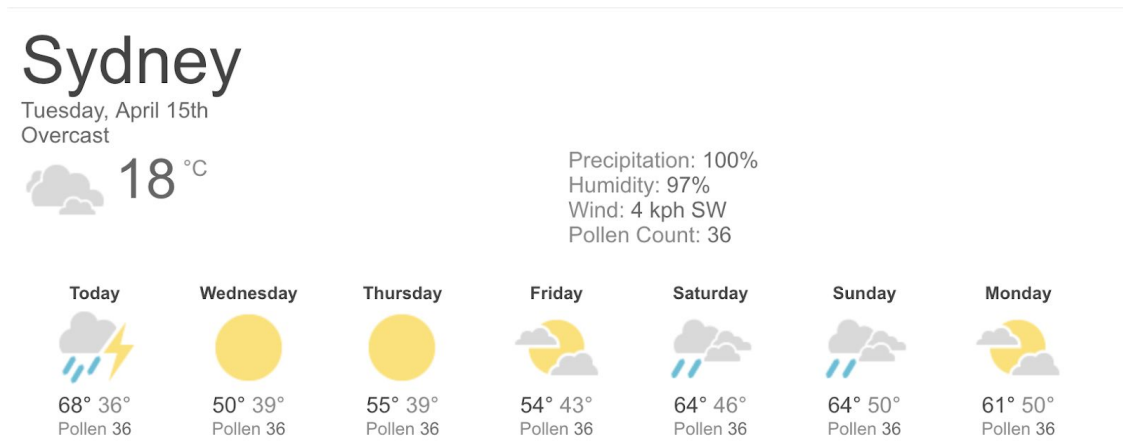# Web Coding Challenge

Your task

You have been asked to develop a responsive weather widget as part of a larger application. The widget has the following features:

- The weeks weather in my current location
- Accessible for screen readers
- Pulls the location weather from an API (see https://github.com/toddmotto/public-apis#weather for a list of public weather APIs that you could use)
- Allows the user to switch between Imperial/Metric units
- Allows the user to enter in a location name to look up

Instructions

Please provide relevant source code of your implementation and any documentation and additional assumptions that you feel are appropriate. Please use the following information to assist you with completing the challenge successfully:

- The intent of the challenge is to provide us with an opportunity to judge your problem solving, design and development skills. It is important to provide a solution that highlights your skills in these areas.
- Use the design mockup as a guide. Pixel-perfection is not required, this is the web after all.
- Develop the system using latest web technologies.
- Server side code is not required.
- Your solution should be well annotated, include tests and work across multiple display sizes.
- The simplest solution is often the best. You will be given at least 48 hours' notice to complete this task, but it is recommended that no more than 8 hours is spent on the problem.
- If you can't complete the task in 8 hours reprioritise the functional requirements and deliver a working version of what you have managed to solve.