Main Task

In this task you are requested to create simple UI components that will allow a user to view weather in cities located all around the world.

Task breakdown details

1. List the weather in all the cities for the latest day available.
2. Allow the user to search for the weather in a specific city (add a search bar or something similar.
   Hint: use the API endpoint `/cityForecast/:cityId` to get a single city information.
3. Allow the user to search for the weather in a specific day (add a date picker or something similar).
   Hint: Note that each city contains the entire forecast inside the "forecast" property.
4. Add a toggle to allow the user to choose the unit in which the temperature will be displayed (Celsius/Fahrenheit).

Tips

- We really like small components.
- Pay attention to code quality, conventions, formatting, etc.
- You can use any libraries, but when you're using something like ngrx or any other more advanced library please give us a quick note why do you use it.
- Don't leave unnecessary code!
- There are absolutely no restrictions on how you choose to implement your UI. Get creative and have fun.

API

We have a REST API located in `./src` directory. The API provides an interface listed in the table below:

Method	Endpoint	Response	Description
GET	/forecast	Array\<City>	Returns a list of all cities weather.
GET	/cityForecast/:cityId	City	Returns a city weather.

- **Types**

```
interface City{
    id: number;
    city: string;
    forecast: [{
        date: string,
        temperatureCelsius: number,
        temperatureFahrenheit: number,
        humidity: number
    }];
}
```

- **Requirements**

  Our API was created using Node.js v10.6.0. Other versions may or may not work correctly.

  ### Installation
  In `./src` run:

  ```
  npm ci
  ```

  ### Run
  In `./src` run:

  ```
  npm start
  ```