

Henry Post

ITMD 455

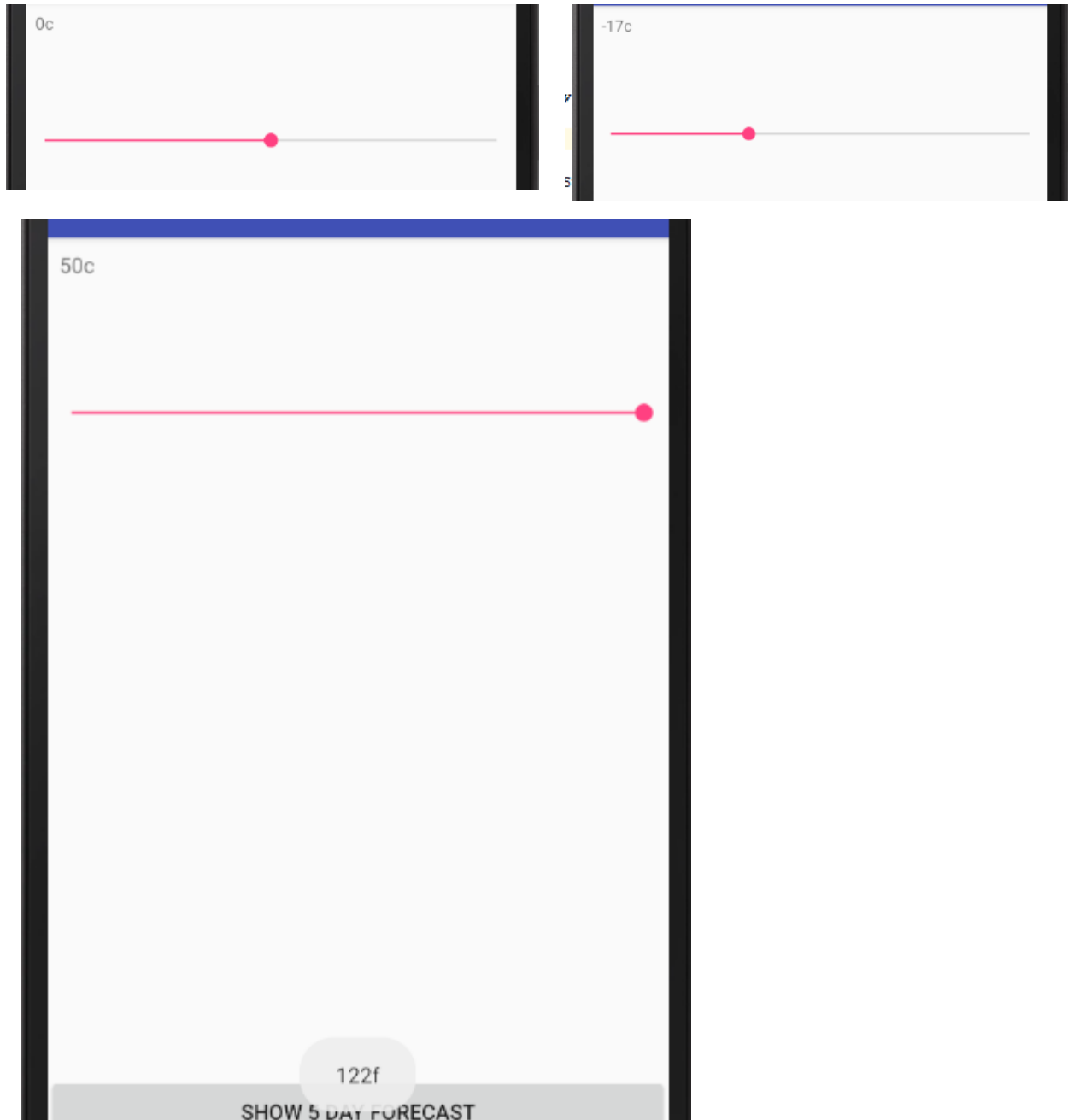
# Lab 2: Temperature Converter Part Deux

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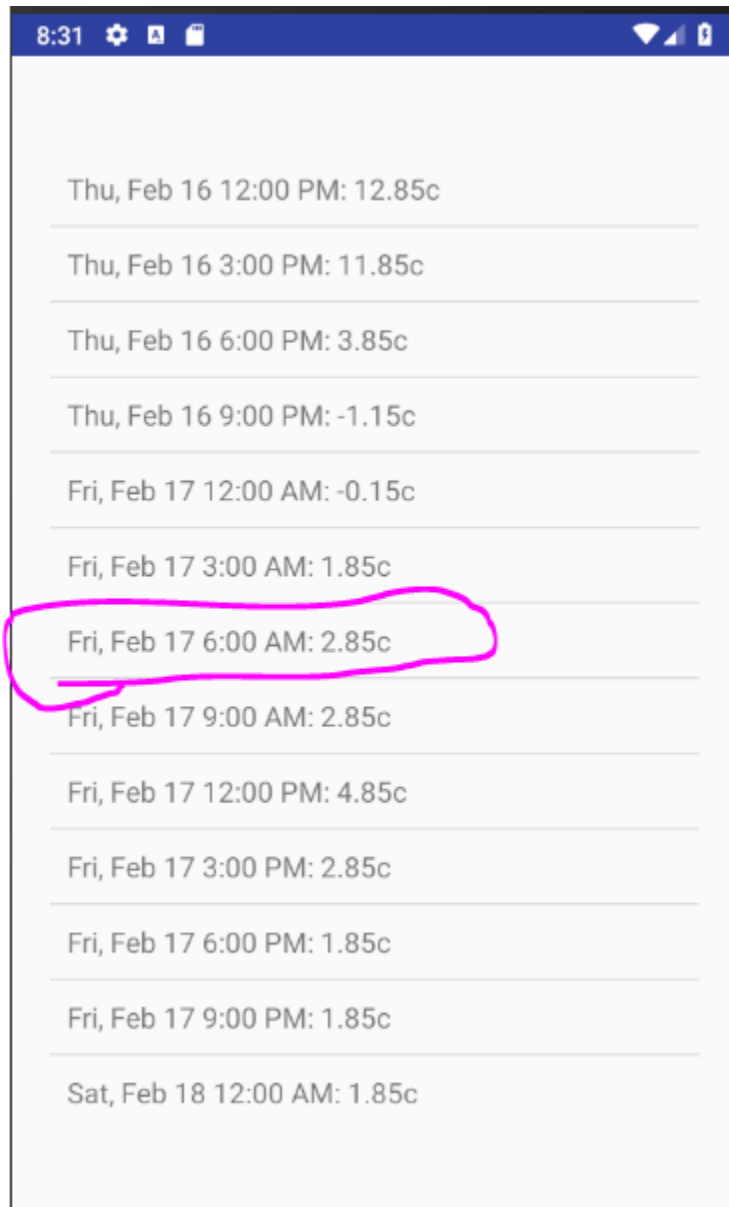
## Temperature Slider

As you can see, the temperature slider shows the temperature in celsius, and in fahrenheit on the bottom.



## Temperature List

Being an overachieving masochist, I decided to dynamically build the list of temperatures from live JSON data taken from [www.openweathermap.org](http://www.openweathermap.org)!



This list of data is taken from an HTTP GET request, and parsed and loaded into an `ArrayList` of my custom `TemperatureDate` class.

This `ArrayList` is then loaded into a `ListAdapter` that uses my `TemperatureDate`'s `toString` method to display the text you are seeing.

When a user clicks on a `ListItem`, the `Intent` is switched to `MainActivity`, and the `TemperatureDate` is serialized and passed to the `MainActivity` through a `Bundle` object.

It is then applied to the `SeekBar`'s position on the `MainActivity` Activity.

