Updating the tagline as center-aligned caption

1. Implement the layout changes and caption typography:

src/app/app.component.ts

```
<div fxLayoutAlign="center">
  <div class="mat-caption">Your city, your forecast, right now!</div>
</div>
```
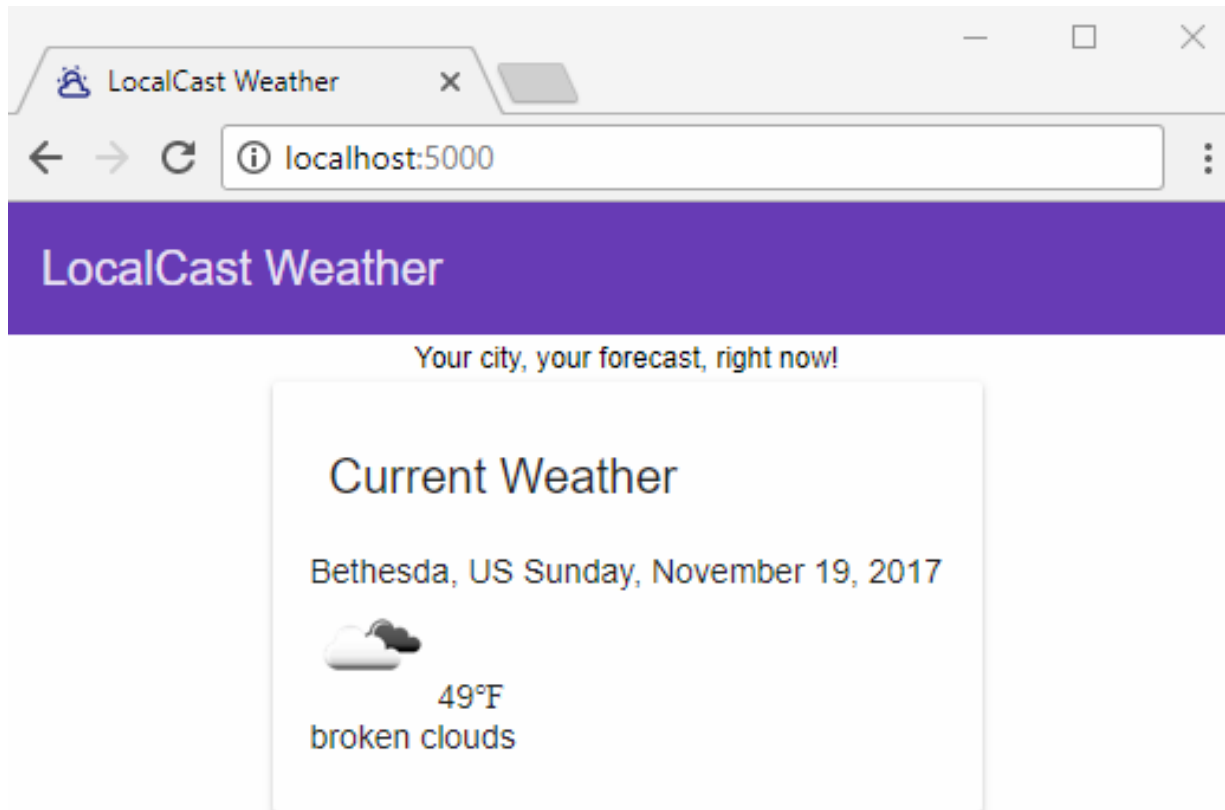
```
src/app/app.component.ts
<div fxLayoutAlign="center">
  <div class="mat-caption">Your city, your forecast, right now!</div>
</div>
```
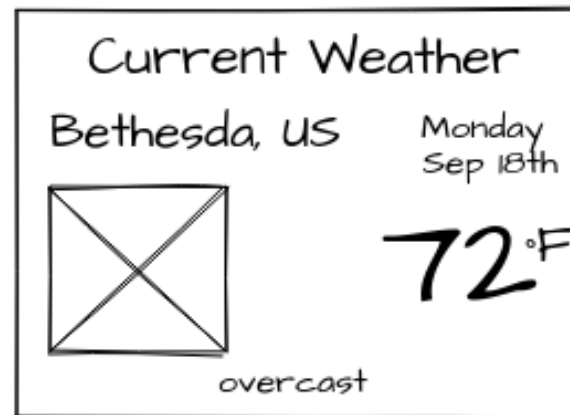
2. Observe the results, as shown:

Updating UI design

- You'll be editing `current-weather.component.html`, which uses the `<div>` and `<span>` tags to establish elements that live on separate lines or on the same line, respectively. With the switch over to Angular Flex, we need switch all elements to `<div>` and specify rows and columns using `fxLayout`
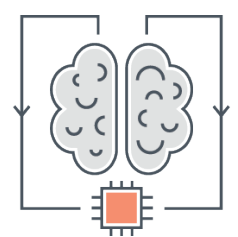
Implementing Layout Scaffolding

src/app/current-weather/current-weather.component.html

```html
1 <div *ngIf="current">
2  <div>
3    <span>{{current.city}}, {{current.country}}</span>
4    <span>{{current.date | date:'fullDate'}}</span>
5  </div>
6  <div>
7    <img [src]='current.image'>
8    <span>{{current.temperature | number:'1.0-0'}}℉</span>
9  </div>
10  <div>
11    {{current.description}}
12  </div>
13 </div>
```
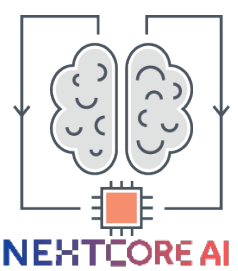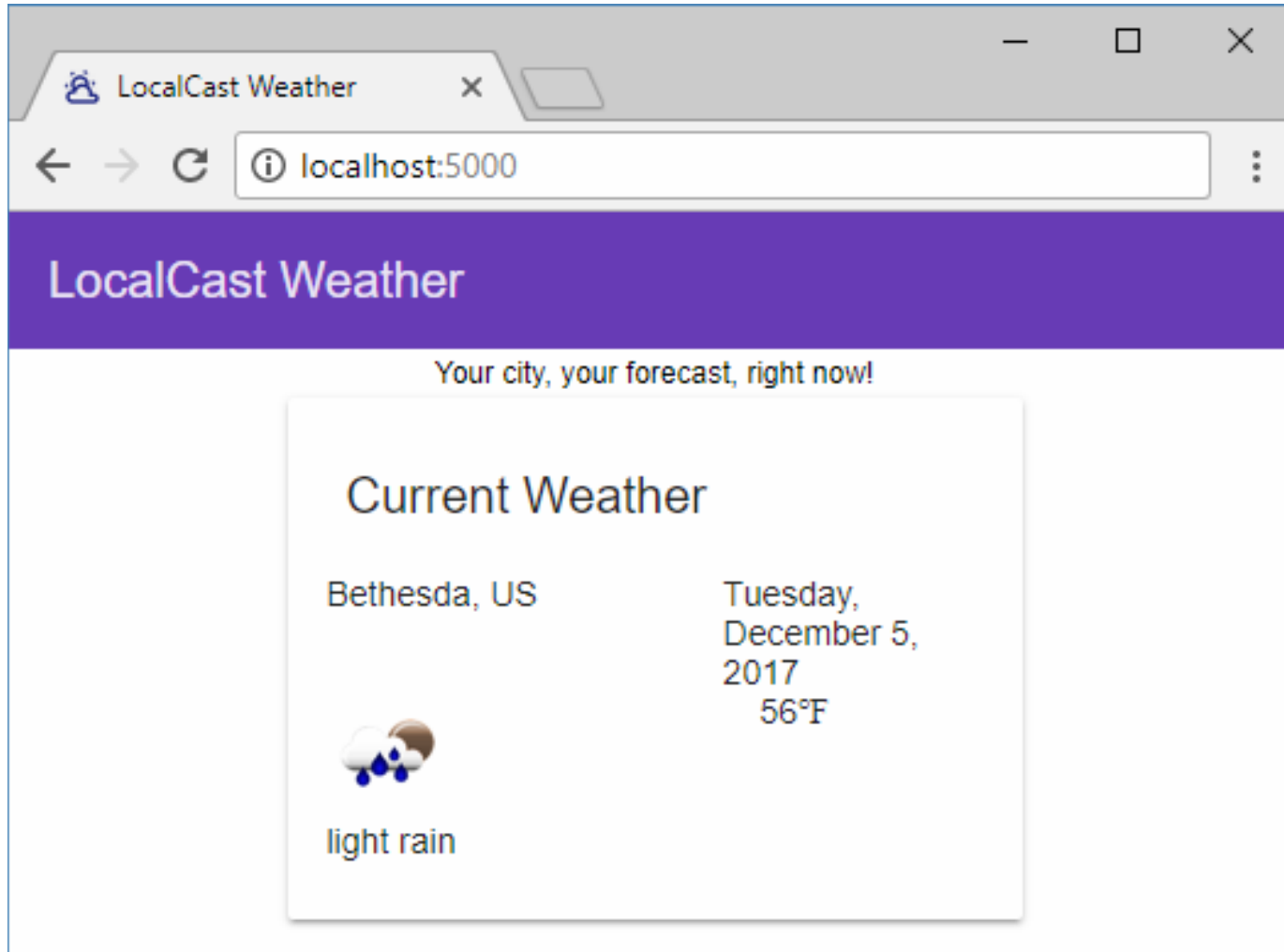
Update the template

1. Update `<span>` elements to `<div>` on lines 3, 4, and 8
2. Wrap the `<img>` element with a `<div>`
3. Add the `fxLayout="row"` property to the `<div>` element that has multiple child elements on lines 2 and 6
4. The City and Country column takes roughly 2/3rds of the screen, so add `fxFlex="66%"` to the `<div>` element on line 3
5. Add `fxFlex` to the next `<div>` element on line 4 to ensure that it takes up the rest of the horizontal space
6. Add `fxFlex="66%"` to the new `<div>` element, surrounding the `<img>` element
7. Add `fxFlex` to the next `<div>` element on line 4

```html
src/app/current-weather/current-weather.component.html
1  <div *ngIf="current">
2    <div fxLayout="row">
3      <div fxFlex="66%">{{current.city}}, {{current.country}}</div>
4      <div fxFlex>{{current.date | date:'fullDate'}}</div>
5    </div>
6    <div fxLayout="row">
7      <div fxFlex="66%">
8        <img [src]='current.image'>
9      </div>
10     <div fxFlex>{{current.temperature | number:'1.0-0'}}°F</div>
11   </div>
12   <div>
13     {{current.description}}
14   </div>
15 </div>
```
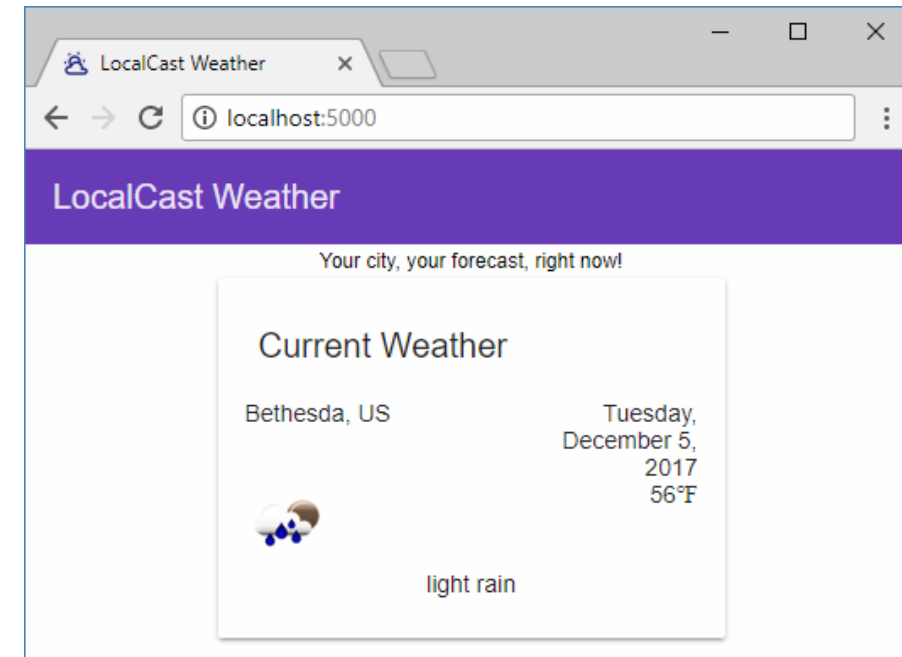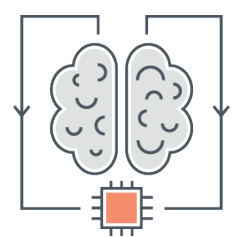
elements

- Elements now in the correct cell

Aligning elements

1. To right align the date and temperature, create a new css class named `.right` in current-weather.component.css:

src/app/current-weather/current-weather.component.css
```css
.right {
  text-align: right
}
```

2. Add `class="right"` to the `<div>` elements on lines 4 and 10
3. Center the `<div>` element for description in the same way you centered the app's tagline earlier
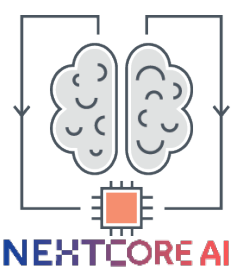4. Observe that the elements are aligned correctly, as follows:

Styling elements

1. Add a new CSS property

src/app/current-weather/current-weather.component.css
```css
.no-margin {
  margin-bottom: 0
}
```

2. For the city name, on line 3, add class="mat-title no-margin"
3. For the date, on line 4, add "mat-subheading-2 no-margin" to class="right"
4. Change the format of the date from 'fullDate' to 'EEEE MMM d' to match the design
5. Modify <img>, on line 8 to add style="zoom: 175%"
6. For the temperature, on line 10, append "mat-display-3 no-margin"
7. For the description, on line 12, add class="mat-caption"
8. Final state of template on next slide

Styling elements

src/app/current-weather/current-weather.component.html

```html
<div *ngIf="current">
  <div fxLayout="row">
    <div fxFlex="66%" class="mat-title no-margin">{{current.city}}, {{current.country}}</div>
    <div fxFlex class="right mat-subheading-2 no-margin">{{current.date | date:'EEEE MMM d'}}</div>
  </div>
  <div fxLayout="row">
    <div fxFlex="66%">
      <img style="zoom: 175%" [src]='current.image'>
    </div>
    <div fxFlex class="right mat-display-3 no-margin">{{current.temperature | number:'1.0-0'}}°F</div>
  </div>
  <div fxLayoutAlign="center" class="mat-caption">
    {{current.description}}
  </div>
</div>
```

style

- City