

Ionic 2

Slide to delete

```
<ion-item-sliding *ngFor="let item..." >
  <button ion-item ...>
    ...
  </button>
  <ion-item-options>
    <button ion-button icon-only (click)='remove(item)'>
      <ion-icon name='trash'></ion-icon>    </button>
    </ion-item-options>
  </ion-item-sliding>
```

Slice to delete a weather

- Remove a weather from weatherList
 - get index of the weather
 - `weatherList.indexOf( weather )`
 - splice!
 - `weatherList.splice( <index>, <length> )`
 - remove from <index> to <index>+<length>-1
- Alternative (but slower)
 - loop through the weatherList array
 - check if the item is equal to the weather to remove
 - if match, remove it by splicing

Pipe

- Used for frequent data manipulation before displaying to the user
 - “{{weather.dt*1000 | date: 'EEEE'}}” in forecast.html
- Why pipe?
 - Unix: cat myfile.txt | grep apple | wc -l
 - Ex: convert Minho Shin → Minho → MINHO
 - “Minho Shin” | firstName | toUppercase

Generate a pipe

- ionic g pipe myPipe
- Generated my-pipe.ts

```
import { Injectable, Pipe } from '@angular/core';
@Pipe( {name: 'mypipe' } )
@Injectable() export class MyPipe {
  transform(value, args) {
    value = value + "; // make sure it's a string
    return value.toUpperCase(); }}
```
- Register to app.module.ts: declarations section (also import)
- In the ts file using this pipe
 - import pipe
- Use in html
 - {{ name | mypipe }}

Pipe with arguments

- {{ name | case:"up" }}, {{name | case:"down"}}
- transform(value, option:string) {
 if(option == "up")
 ...
 else
 ...
}
- {{ name | change:"first":"down"]}}
 {{ name | change:"last":"up] }}
- transform(value, opt1: string, opt2: string)
- ...

Styling

- src/theme/variables.scss
 - \$text-color
 - \$background-color
 - \$color{ } map
 - ex: <button color="primary">
 - custom color
 - mycolor: #XXYYZZ
 - mycolor: (base: #XXYYZZ, contrast: #XXYYZZ)
 - Default style
 - <http://ionicframework.com/docs/v2/theming/overriding-ionic-variables/>
 - color function
 - color(<var>, <property> [, <sub-property>])
- Per-page style: src/pages/*.scss
- Check color
 - code → color: google "color #XXYYZZ"
 - color → code: google "color picker"

Exercise: title image

- Replace title with a title image
 - download an image
 - put in src/assets
 - refer by 'assets/...'
- Style an image
 - `<img src=..., class=*myclass*>`
 - in scss file
 - `img.*myclass* { ... }`

Icon & Splashscreen

- Where to put images
 - resources/icon.png
 - resources/splash.png
- Compile
 - ionic resources --icon
 - ionic resources --splash
- Run in ios simulator
 - ionic platform add ios
 - ionic emulate ios --target=iPhone-6
- Run in android emulator
 - ionic platform add android
 - ionic run android
- Tips: Clean cordova cache
 - platform/<platform>/cordova/clean

Slides

```
<ion-slides [options]="myslideoptions">
```

```
  <ion-slide>
```

```
  </ion-slide>
```

```
</ion-slides>
```

```
myslideoptions={pager:true, initialSlide: 1, ...};
```

- You can use *ngIf, *ngFor in ion-slide tag

HW7

- Use slides to show weathers
- First slide is always local weather
- Each slide shows both city weather and 7-day forecast
- Add should work
- Each slide has “remove weather” button at the bottom, which removes this slide
- Local weather slide cannot be removed