

Ionic

HW 8

Google Map Language

- `<script src="https://maps.googleapis.com/maps/api/js?language=kr"></script>`

Segment

```
<ion-segment [(ngModel)]="..." (ionChange)="...">
```

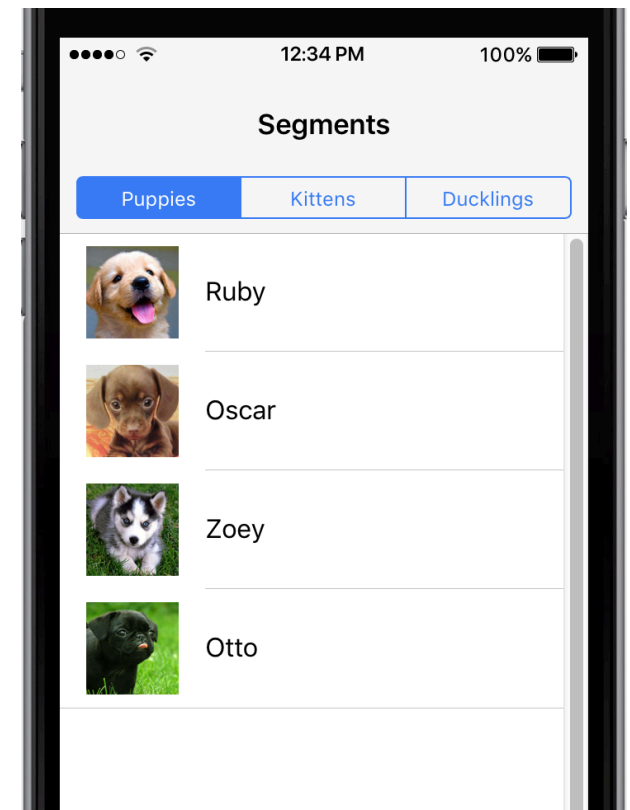
```
  <ion-segment-button value="..."> ABC
```

```
  </ion-segment-button>
```

```
  ...
```

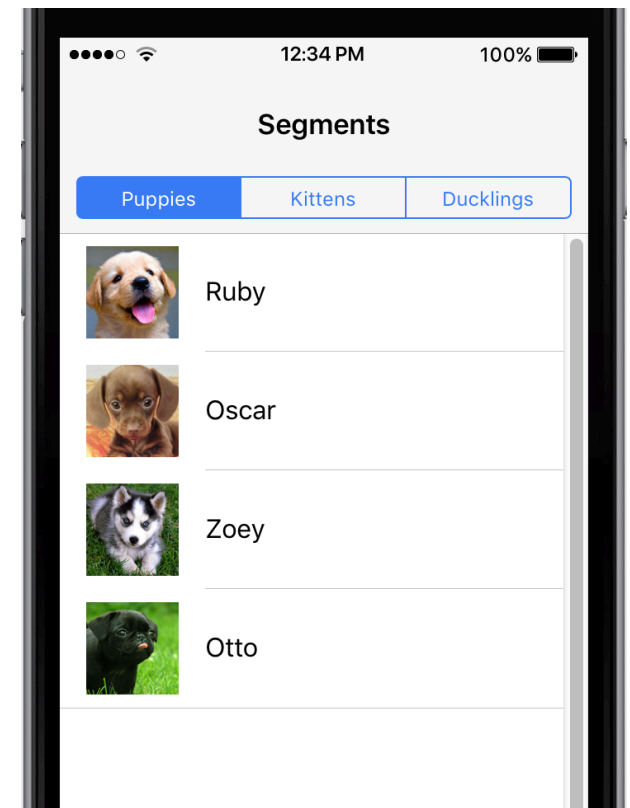
```
</ion-segment>
```

```
segChanged() {  
  if( this.seg == ... ) ...  
}
```



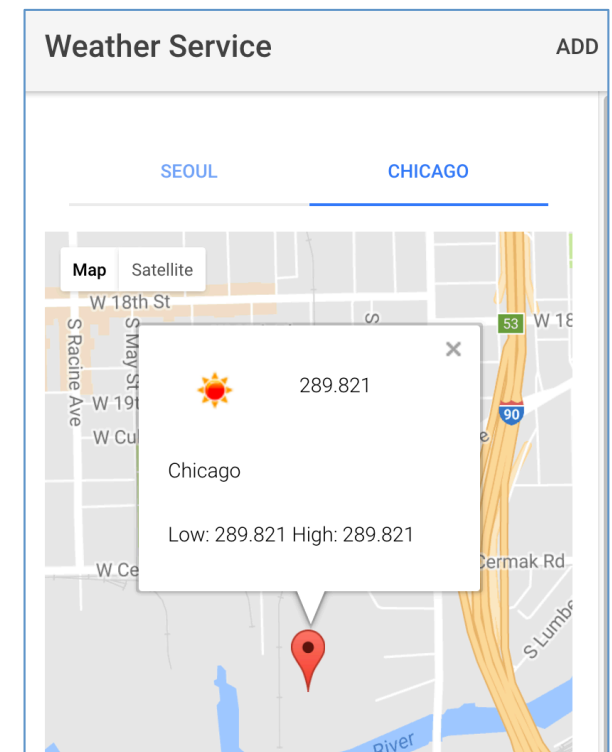
Segment Example

```
<div padding>
  <ion-segment [(ngModel)]="pet">
    <ion-segment-button value="kittens"> Kittens </ion-segment-
button>
    <ion-segment-button value="puppies"> Puppies </ion-segment-
button>
  </ion-segment>
</div>
<div [ngSwitch]="pet">
  <ion-list *ngSwitchCase="'puppies'">
    <ion-item> <ion-thumbnail item-left> </ion-
thumbnail> <h2>Ruby</h2>
    </ion-item>
    ...
  </ion-list>
  <ion-list *ngSwitchCase="'kittens'">
    <ion-item> <ion-thumbnail item-left> </ion-
thumbnail> <h2>Luna</h2>
    </ion-item>
    ...
  </ion-list>
</div>
```



WeatherMap App

- Show cities as segments
- When a city is chosen,
 - Center the map at the city
 - Move pin to the city
 - Get the weather
 - Show the weather in infoWindow



Segments

```
<div padding>
  <ion-segment
  [(ngModel)]="city" (ionChange)='cityChanged()'>
    <ion-segment-button value="seoul">
      Seoul
    </ion-segment-button>
    <ion-segment-button value="chicago">
      Chicago
    </ion-segment-button>
  </ion-segment>
</div>
```

On ionChange event

- `cityChanged()`
 - Given city, as parameter,
 - `call Map.showWeather(city_name)`
- `Map.showWeather(city)`
 - Center the map
 - `map.setCenter()`
 - move marker
 - `marker.setPosition()`
 - Show weather
 - `infoWin.setContent("...")`
- How to call Map's methods?
 - `home.html`
 - `<map #mymap></map>`
 - `home.ts`:
 - `@ViewChild('mymap') map`
 - Then call map's methods

Getting weather

- `seoul = {"coord":{"lon":126.98,"lat":37.57},"weather":[{"id":800,"main":"Clear","description":"clear sky","icon":"01n"}],"base":"stations","main":{"temp":277.296,"pressure":1010.9,"humidity":88,"temp_min":277.296,"temp_max":277.296,"sea_level":1034.66,"grnd_level":1010.9},"wind":{"speed":1.22,"deg":57.5031},"clouds":{"all":0},"dt":1477249121,"sys":{"message":0.0127,"country":"KR","sunrise":1477172920,"sunset":1477212199},"id":1835848,"name":"Seoul","cod":200};`
- `chicago= {"coord":{"lon":-87.65,"lat":41.85},"weather":[{"id":800,"main":"Clear","description":"clear sky","icon":"01d"}],"base":"stations","main":{"temp":289.821,"pressure":1003.04,"humidity":86,"temp_min":289.821,"temp_max":289.821,"sea_level":1025.22,"grnd_level":1003.04},"wind":{"speed":4.77,"deg":231.003},"clouds":{"all":0},"dt":1477249207,"sys":{"message":0.0094,"country":"US","sunrise":1477224823,"sunset":1477263306},"id":4887398,"name":"Chicago","cod":200};`
-

HW9

- When started
 - center the map at current location
 - drop pin and show the weather
- Make an add weather button
- When city added, add a segment
 - maximum 5
- When city segment is clicked
 - center the map at the city
 - show pin and show the weather