Interfaces

- Interfaces are used all over the place
- The most notable ones are the *LifeCycle Hooks*
- Angular defines the interfaces and you have to provide the implementation
- Angular defines the `lifeCyle` interfaces in the `link` folder:

```
1  export interface OnChanges {
2     ngOnChanges(changes: {
3        [key: string]: SimpleChange
4     });
5  }
6
7  export interface OnInit {
8     ngOnInit();
9  }
10
11 export interface OnDestroy {
12    ngOnDestroy();
13 }
```

Below is an example of using the `onInit` hook:

```
1  import {bootstrap} from 'angular';
2  import {onClick} from 'angular';
3  @component({
4     selector: 'app'
5  });
6  class App implements onClick {}
```

The corresponding html

```html
<!DOCTYPE html>
<html>
<head>
   <title>example</title>
</head>
<body>
   <app [prop]='data'></app>
</body>
</html>
```

The corresponding css:

```css
.app {
   display: block;
}
```