Lab 2

Previous skills

Lab 2 will consist in writing a simple HTML form. For that you'll need to learn the basis of HTML5.

Watch the following video:

codeschool video 1[25]

And do as much as you can from the **HTML** basics sections of the following track:

Code Academy HTML & CSS[26]

The restaurant form

As you already know, the purpose of these labs is to create an online restaurant takeaway App. For this lab we'll start by coding a basic form that will allow us to register a new restaurant. We will do that in 3 steps.

- A basic HTML form.
- An Ionic Framework View of the same form using *Ionic Playground*
- Implementing this form on our real App

The requirements for this form were set in our Minimum Viable Product description as being the following:

- Restaurant name
- City

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[25]http://campus.codeschool.com/courses/front-end-foundations/level/1/section/1/video/1
[26]http://www.codecademy.com/en/tracks/web

- Post code
- Add Menu items
- Name of dish
- Description
- Price

Basic HTML form

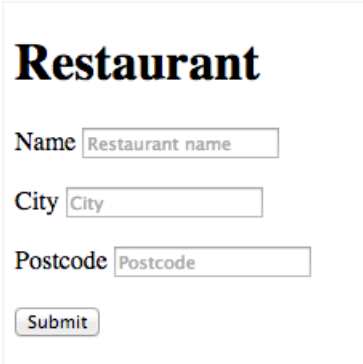Now open your text editor and create a new file with the following content:

```
<!doctype html>
<html>
  <head></head>
  <body>
    <h1>Restaurant</h1>
  </body>
</html>
```

This is the basic structure for an HTML document but we will concentrate basically on what's inside the body. If you save your file and double click with your browser you should see a blank document with a **Restaurant** title (header).

Now, below the ‹h1› tag add an HTML form for adding the *Restaurant name*, *City* and *Post code* details.

Result should look like this:

HTML Restaurant form

As a suggestion, this is a list of useful HTML tags you could use:

```html
<form>
<input type="text" placeholder="....">
<input type="number">
<input type="submit" value="Submit">
<textarea>
<br/>
<label>
```

After that repeat the exercise and create a form to add a menu item for that restaurant. Final result should look like this:

HTML Restaurant form

This form doesn't do anything yet in submit but we don't need to worry about that at this stage.

Ionic view

Here we'll adapt the form to the requirements of an Ionic application. Form the moment we're not going to add any style and just port it to *Ionic Playground* for rapid prototyping.

Now go to play.ionic.io[27] and port the previous restaurant form to start looking like a mobile app.

To start, the body of the app should look a bit like this:

```
<body ng-app="app">
    <ion-pane>
        <ion-header-bar class="bar-stable">
            <h1 class="title">Restaurant</h1>
        </ion-header-bar>
        <ion-content class="padding">
            <!--Here goes the form-->
        </ion-content>
    </ion-pane>
</body>
```

After porting the form, appearance should be similar to this:

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[27]http://play.ionic.io/

Restaurant form

This still looks very basic but we will very quickly convert this into a much better looking app.