Angular-HOL
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HOL-#01
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Q1. Check if Angular/CLI is installed or not
If not installed. Install 'angular/cli' using 'npm'

Q2. Check the version of Angular you are working on.
Look into the help with CLI tool of Angular.

Q2. Navigate to a folder/directory where you will be
building your
first Angular application.

[a] Execute the command `ng  new  <app_name>`
Let your first app be called as `first`. However, you
can have
any other name also.

[b] Open the project in VS Code editor.

[c] Open the terminal withing VS Code and start the
application

Record your observation.
The URL to run the app along with the port number.

Using the given URL open the app in your web-browser.

[d] Expand you project explorer in VS Code.
Select the `angular.json' file and observe it's
contents.
- Look into the 'main' field and observe the name of
the file

Select the 'main.ts' file and observe it's contents.
- Identify the name of the module
- Identify the name of the module which is used for
bootstrapping

Select the name of the app module which had identified
in the previous step.

- Identify the name of the component
- Observe the decorator @NgModule and it's key attributes.
  The decorator '@NgModule' is provide the 'NgModule' which is
  part of '@angular/core'
- Observe the 'bootstrap' field

Now, select the Typescript file which refer to the name of component
- Observe the decorator @Component and its object fields
- Observe the class name and the instance variable
  What is it initialied with?
- How is the UI being rendered?
  Rememeber the name of the file.
- Where is the style for the UI?

[e] Open a command window/terminal and navigate to the directory where the UI (i.e. HTML) file is.

- Make a copy the file and name it as 'old.app...........'
- This way you have the copy the UI in another file.

[d] Modify the HTML file in VS Code to display the following:

Hello World - Angular!

The above should be displayed using <h1> element. Below that we would like to have a paragraph element which renders: 'We are learning Angular.'

Save your file and observe the web-browser.

[e] We want the 'Hello World - Angular!' to displayed in BLUE color

Moreover below the paragraph we would like to have another paragraph as follows:

This is my first Angular application.

NOTE: The text 'first' should be got from the app component variable.

Save your files and observe the web-browser.

[f] Change the text 'first' in the app component to the name of your organization.

Save the file(s) and observe the web-browser once again.