

Monday: Angular Objectives

We will be learning how to create basic Angular apps using Angular CLI over the next two weeks.

Angular can be written using Javascript, Typescript or Dart. In our case, we will write our Angular apps using Typescript, which you learned over the pre-course work.

Angular CLI is a command-line interface that helps us build Angular apps quickly.

Plan

This week we will start off by learning how to add content and interactivity to our Angular app. To start with, we will use templates and directives to display data dynamically. Then, we'll organise our data by adding models to our application and use event binding for adding interactivity.

Monday and Tuesday have been structured to have slightly more content so that you have enough basic knowledge which will help you practice on building an Angular application from scratch. Additionally, it also gives you a chance to engage with the content more and better understand the week's concepts.

By the end of the week, you will be able to

1. Create a fully functional Angular Application.
2. Create a custom directive to display data
3. Use event binding to add interactivity to our application

Next week we will explore the framework further by adding pages to our application using routers and so much more.

Independent Project Objectives

The week's independent project will be evaluated for the following objectives:

1. Use Angular CLI to create your Project.
2. Create a model for your Quote objects.
3. Create a custom directive that highlights the quote that has the highest vote.
4. Implement a form component that has input sections for the quote.
5. Initialize an initial value of 0 for both upvote and downvote for each quote
6. Add a custom pipe which displays the time passed since the quote was created.
7. Make a well-documented README that highlights:
 1. Author
 2. A brief description of the project
 3. Program set-up instructions
 4. A link to the deployed site of your project
 5. Copyright and License information
8. At least use bootstrap to style you project
9. High-Quality and portfolio-ready project

