



Angular Quiz App

Welcome to Angular Quiz App!

It is a simple single page client application build using HTML and Typescript in Angular.

Addition of Bootstrap makes it look sleek and stylish. In this app, a client/user can enter

their name to begin the quiz.

- Each question has four options out of which you can choose only one.
- A correct answer will earn you ten points.
- Incorrect answer will deduct 10 points.
- There is a timer for sixty seconds for every question.
- Refreshing the page will restart the quiz.

Technologies used:

HTML-5

CSS

Typescript

Bootstrap -4

Angular -14

IDE -VS code

Npm package manager.

How to run the code?

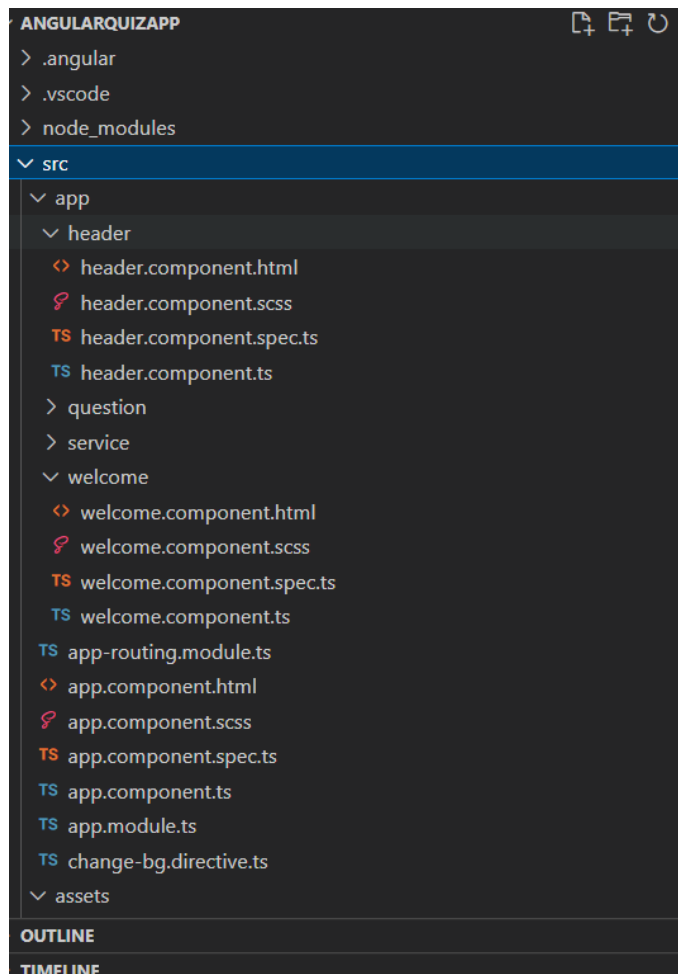
- Open the folder in VS code.
- Open integrated terminal.
- Choose command prompt.
- Type npm install.
- Type ng serve.

After successful compilation.

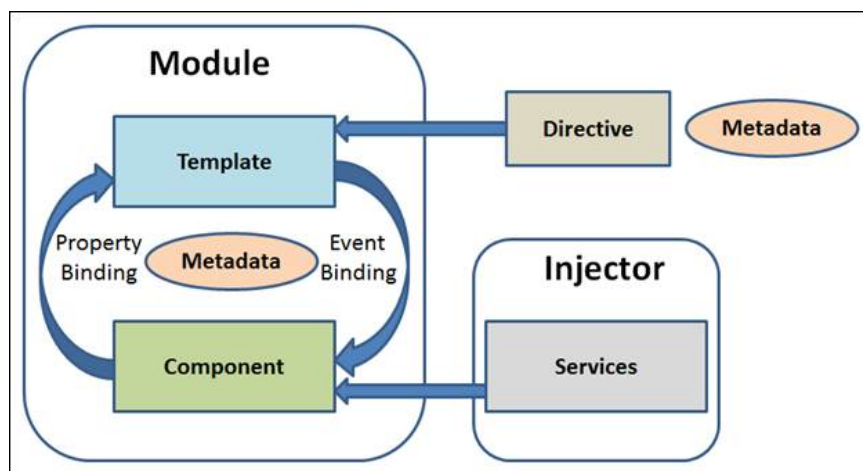
Type **localhost:4200** in your browser and press enter.

This app was made on Version 14 of Angular but should work fine on all the versions above 7 as long as you installed the npm correctly.

Screenshot of folder directory.



Workflow:



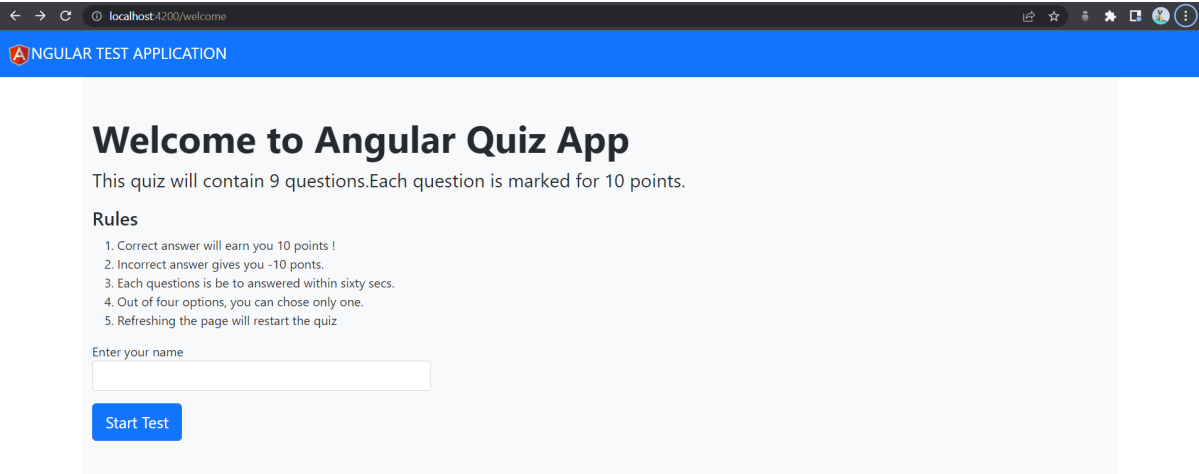
There are a total four components: header, question, welcome and the app component.

The control starts from main.ts. file. From there it goes to app.module, and finally to app.component.

Services and Routing are also used in their respective places.

OUTPUT:


Welcome Screen:



The screenshot shows a web browser window with the address bar displaying 'localhost:4200/welcome'. The page has a blue header bar with the Angular logo and the text 'ANGULAR TEST APPLICATION'. The main content area is light gray and contains the following elements:

- Welcome to Angular Quiz App**: A large heading.
- This quiz will contain 9 questions.Each question is marked for 10 points.
- Rules**: A section header followed by a list of five rules:
 1. Correct answer will earn you 10 points !
 2. Incorrect answer gives you -10 ponts.
 3. Each questions is be to answered within sixty secs.
 4. Out of four options, you can chose only one.
 5. Refreshing the page will restart the quiz
- Enter your name
-
- Start Test**: A blue button.





Enter your name in the text box and click on **Start Test** to begin.




Angular Quiz
Welcome Aakanksha


0Question 1 of 956 sec

Which of the following does TypeScript use to specify types?






Angular Quiz
Welcome Aakanksha



Congratulations!!
You have completed the test
below is the Result:

Total Question Attempted:9
Total Correct Answered:8
Total Wrong Answered:1
Your Score:70

After completing the test , results will be displayed.




Angular Quiz
Welcome Aakanksha

60Question 7 of 958 sec

Which keyword allows us to share information between files in TypeScript?

⏪↺⏩>



Angular Quiz
Welcome Aakanksha

0Question 1 of 956 sec

Which of the following does TypeScript use to specify types?

⏪↺⏩>