

# TCS Project - Online Quiz Application

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Source Code link: <https://github.com/xuanyudo/Quiz-Application>

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## Project Setup:

- Clone or download source code from above url
  - npm install to download all necessary libraries (bootstrap, jquery, popper.js etc...)
  - json-server quiz.json to start api
  - ng serve -o to serve the project on your localhost:4200
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## Relevant Skills:

- Angular
  - node
  - json-server
  - vscode
  - ngModel
  - ngIf
  - ngFor
  - ngForm
  - bootstrap
  - typescript
  - html5
  - css
  - httpClient
  - Dependency Injection
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## Components:

- quiz
    - html, ts and css for the quiz content
  - app
    - a container for overall application
    - bootstrap entry <app-root>
  - question service
    - class definition of question class
    - logic to load quiz questions from json-server
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## Highlight:

- responsive UI design
  - information retrieve from fake web server using httpClient
    - automatically create question object using DI
  - Dependency Injection
  - form validation
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## Screenshots:

localhost:4200 (landing screen)

Click on Start Quiz to start the quiz

### Quiz Application

#### Welcome to our test center

This test center provides hundreds of javascripts quiz question for beginner to practice. Click below button to start the quiz!!

Start Quiz

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after clicking on the button, it will display questions one by one with a next button, if there is a previous question there will be a previous question button appear on the left of screen.

## Quiz Application

### Question 1/5

Which of the following input type only allow number?

- ☐ text
- ☐ number
- ☐ int
- ☐ submit

Next Question

## Quiz Application

### Question 2/5

Inside which HTML element do we put the JavaScript?

- ☐ <script>
- ☐ <javascript>
- ☐ <scripting>
- ☐ <js>

Previous Question

Next Question

If you are trying to click the next question button with no input, it will show an error message.

## Quiz Application

### Question 2/5

Inside which HTML element do we put the JavaScript?

- ☐ <script>
- ☐ <javascript>
- ☐ <scripting>
- ☐ <js>

Previous Question

Please select something

Next Question

Once you complete all the questions, it will show a screen of your quiz status and also all questions with marks.

You had completed the quiz

Your got 3 out of 5 question correct

### Question 1/5

Which of the following input type only allow number?

- ☐ text
- ☒ number
- ☐ int
- ☐ submit

Home

Restart

### Question 2/5

Inside which HTML element do we put the JavaScript?

- ☒ <script>
- ☐ <javascript>
- ☐ <scripting>

You can also either choose to restart the quiz or go back to the home screen.