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## FRONT END DEVELOPMENT (WITH ANGULARJS)



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# Session 20 – AngularJS Testing





# Agenda – AngularJS Testing

1. Introduction To Karma
2. Generate `karma.config.js`





# Introduction To Karma

- **Karma** is a test runner developed by the AngularJS team.
- It's basically the engine that goes through all the unit tests, runs them and then provides the results of the executed unit tests.
- Once Karma is installed, you will need a `karma.config.js` file so that Karma knows where the JavaScript files are located, what testing framework you want to use, etc.





# Generate karma.config.js

- You can generate a **karma.config.js** file by running the following command:

**karma init**

- When you run this you will be asked a bunch of questions:
  1. Which unit testing framework do you use?
  2. Do you want to use Require.js?
  3. Do you want to capture any browsers automatically?
  4. What is the location of your source and test files?
  5. Should any of the files included by the previous patterns be excluded?
  6. Do you want karma to watch all the files and run the tests on change?

Accept all the defaults. If needed, go back and change the configuration later.





# Lets Discuss Assignments