

## Short Answer:

Answer the following questions with complete sentences in your own words. You are encouraged to conduct your own research online or through other methods before answering the questions. If you research online, please consult multiple sources before you write down your answers.

1. How to build a server using Node.js
2. What is Express.js
3. What is the difference between `response.send()` and `response.write()` in express
4. What is the difference between HTTP get method and HTTP post method
5. What is Content-Type? What are different kinds of Content-Type
6. How to enable automatic re-running when files are modified
7. How to pass the parameters in url
8. What is the difference between static and dynamic web pages
9. Have you use template engines
10. What is SSR
11. What is CSR
12. How would you structure your node web application

## Coding Questions:

Write code in JavaScript/HTML/CSS to solve following problems. Please write your own answers. You are highly encouraged to present more than one way to answer the questions. Please follow best practice when you write the code so that it would be easily readable, maintainable, and efficient. Clearly state your assumptions if you have any. You may discuss with others on the questions, but please write your own code.

1. To-Do App v2  
Reimplement a to-do app. The app should include following requirements.
  - 1) *GET: /todos* User can read from a file that includes all the to-do item and display them in console. If the file not exist, throw an error says 'file not exists'
  - 2) *POST: /todos* User can add a to-do item, including title and description, the id, timestamp and status(initial value should set to NOT FINISH) should be generated from backend.
  - 3) *PUT: /todo/* User can toggle the status(FINISH or NOT FINISH) of the item by clicking on the table row