

### Multiple choice:

1. Who created Node.js?
  - A) Mark Zuckerberg
  - B) Ryan Dahl
  - C) Bill Gates
  - D) Tim Berners-Lee
2. Node is a Highly\_\_\_\_?
  - a. Real-Time-apps
  - b. Data Intensive
  - c. Scalable
  - d. All of the above
3. Node applications are \_\_\_\_\_ by default
  - a. Synchronous
  - b. Asynchronous
  - c. Authentic
  - d. CPU-Intensive
4. Node.Js is a?
  - a. Web browser
  - b. Application
  - c. Runtime environment
  - d. Programming Language
5. Which programming language is commonly used for writing server-side code in Node.js?
  - A) Java
  - B) Python
  - C) Java Rice
  - D) JavaScript

### Identification

1. How do we prompt on terminal "Listening on port 3000" (give only the given code line on this)
2. In terms of coding on a given port 3000 on a browser, how do we listen to it? (give only the given code line on this)
3. After having an output of "Listening on port 3000" when we go to localhost:3000, what output should we get?
4. In node.js, the term "arguments" typically refers to the \_\_\_\_\_ or \_\_\_\_\_ passed to a function when it is called.
5. variables defined with const cannot be \_\_\_\_\_ and \_\_\_\_\_?

6. In terms of coding, how do we use path module?
7. It is used in creating a web server, what function do we use on this?
8. In terminal, how do we prompt "Hello World!"
9. In terms of coding, how do we use the file system module?
10. req and res, what function is this?

### TRUE OR FALSE

1. To be able to check the nodejs website, we use nodejs.com to see it.
2. Node should be used in building data extensive and real-time applications.
3. A single thread is used to handle single requests.
4. API stands for Application Programing Interface.
5. Node is easy to get started and can be used for prototyping and agile development.
6. JavaScript is everything – in node application we use JavaScript, so if you are a frontend developer and use JavaScript, you can reuse your JavaScript skills and transition to a Full-Stack Developer and get a better job and better pay.
7. We use CMD, CommandLine, Terminal bus for checking the version of your npm.
8. When checking the version of your npm, we type "node --version" or "node -v" to check it.
9. Asynchronous architecture is non-blocking architecture.
10. Since node applications are multi-threaded, when performing calculations to serve one client, another client must wait.

### Enumeration / Essay

*Uses of NPM, Give at least ten (10) of them*

*How does node architecture works?*

*And what's so special about node?*

*What is node in the first place?*

*How come is it even needed in terms of developing?*