

# NODE - Task-1

Total des points 94/100 ?

name / \*

Madiha Mohamed Tayeb kharoubi

✓ 1- What is the difference between the require() function and the import statement in Node.js? 2/2

- ☒ a. The require() function is used to import Node.js modules, while the import statement is used to import ES6 modules. ✓
- ☐ b. The require() function is used to import ES6 modules, while the import statement is used to import Node.js modules.
- ☐ c. Both the require() function and the import statement can be used interchangeably to import modules in Node.js.

✓ 2- Why is it important to name files correctly in Node.js and Express? 2/2

- ☐ a. It is important to ensure that files are organized properly within a project.
- ☐ b. It is important for SEO purposes in web applications.
- ☒ c. It is important to avoid conflicts and ensure that files are properly recognized and executed by the application. ✓



✓ 3- What is the purpose of the Express Router ?

2/2

- ☐ b. To serve static files
- ☐ c. To render views
- ☒ a. To handle routing
- ☐ d. To handle authentication



✓ 4- What is nodemon?

2/2

- ☐ a. A package manager for Node.js applications.
- ☐ b. A web framework for building Node.js applications.
- ☒ c. A tool used to monitor changes to a Node.js application and automatically restart the server.
- ☐ d. A database management system for Node.js.



✓ 5- Which of the following is a method for handling form data in Express?

2/2

- ☒ a. req.body
- ☐ b. req.params
- ☐ c. req.query
- ☐ d. all of the above



✓ 6- What is the purpose of nodemon in a Node.js project?

2/2

- ☐ a. To manage dependencies and package versions for the application.
- ☐ b. To automatically generate documentation for the application.
- ☒ c. To monitor changes in the application's code and automatically restart the server. ✓
- ☐ d. To run automated tests on the application.

✓ 7- What is the command to start a Node.js application using nodemon?

2/2

- ☐ a) "node app.js"
- ☐ b) "npm start"
- ☒ c) "nodemon app.js" ✓
- ☐ d) "npm nodemon app.js"

✓ 8- What is hbs?

2/2

- ☐ a. A web framework for Node.js
- ☒ b. A templating engine for Express.js ✓
- ☐ c. A database management system



✓ 9- What does hbs stand for?

2/2

- ☐ a. Hyper Best System
- ☐ b. Home Business Solutions
- ☒ c. Handlebars



✗ 10- Which of the following is NOT a feature of Express.js?

0/2

- ☐ a. Routing
- ☒ b. Templating
- ☐ c. Middleware
- ☐ d. Authentication



✓ 11- What is the purpose of the static middleware in Express?

2/2

- ☒ a. To serve static files
- ☐ b. To handle authentication
- ☐ c. To set headers
- ☐ d. To run tests



✓ 12- What is the purpose of the require function in Node.js?

2/2

- ☒ a. To load modules
- ☐ b. To start the server
- ☐ c. To set environment variables
- ☐ d. To run tests



✓ 13- What is the purpose of the request module in Node.js?

2/2

- ☒ a. To make HTTP requests
- ☐ b. To serve static files
- ☐ c. To handle authentication
- ☐ d. To render views



✓ 14- What is the purpose of the Express-validator library?

2/2

- ☐ b. To handle file uploads
- ☒ a. To validate input data
- ☐ c. To improve security
- ☐ d. To serve static files



✓ 15- What is the purpose of the path module in Node.js?

2/2

- ☐ a. It is used to interact with a MongoDB database in Node.js.
- ☐ b. It is used to create HTTP servers and handle HTTP requests in Node.js.
- ☒ c. It is used to manipulate and interact with file paths in a platform-independent way. ✓

✗ 16- Which of the following is a template engine used with Express?

0/2

- ☐ a. Pug
- ☒ b. Handlebars ✗
- ☐ c. EJS
- ☐ d. All of the above

✓ 17- Which of the following is a package for working with file paths in Node.js?

2/2

- ☒ a. path.js ✓
- ☐ b. fs.js
- ☐ c. url.js
- ☐ d. querystring.js



✓ 18- What is the difference between synchronous and asynchronous programming in Node.js? 2/2

- ☐ A. Synchronous programming is faster than asynchronous programming.
- ☒ B. Synchronous programming blocks the execution of other code until the current task is complete, while asynchronous programming allows multiple tasks to be executed simultaneously. ✓
- ☐ C. Asynchronous programming is easier to debug than synchronous programming.

✓ 19- Which of the following modules is used for parsing command-line arguments in Node.js? 2/2

- ☐ a. yargs
- ☐ b. optimist
- ☐ c. commander
- ☒ d. All of the above ✓

✓ 20- What is npm and what is its purpose? 2/2

- ☒ a. npm is a package manager for Node.js and helps install and manage the necessary packages for developing Node.js applications. ✓
- ☐ b. npm is a command-line tool for creating new Node.js applications.
- ☐ c. npm is a web-based tool for managing Node.js applications.
- ☐ d. None of the above



✓ 21- What is Node.js and what are its benefits?

2/2

- ☐ a. Node.js is a JavaScript runtime built on Chrome's V8 engine.
- ☐ b. Benefits of Node.js include fast development, high performance, strong compatibility, and a large community available for assistance.
- ☒ c. Both a and b
- ☐ d. None of the above



✓ 22- Which version of Node.js should you use?

2/2

- ☐ a. The oldest release of Node.js available.
- ☐ b. Any release of Node.js will work.
- ☒ c. The (LTS) release of Node.js.
- ☐ d. None of the above



✓ 23- Which of the following modules is used for working with the file system in Node.js?

2/2

- ☒ a. fs
- ☐ b. path
- ☐ c. os
- ☐ d. stream





✓ 24- Which of the following is a method for sending responses in Express? 2/2

- ☐ a. res.json
- ☐ b. res.send
- ☐ c. res.render
- ☒ d. all of the above



✓ 25- How do you create a Node.js program file? 2/2

- ☒ a. You can create a Node.js program file using any text editor like Notepad++ or Sublime Text and save the file as "filename.js". ✓
- ☐ B. You can create a Node.js program file using a graphics editor.
- ☐ c. You can create a Node.js program file using a spreadsheet program
- ☐ D. None of the above

✓ 26- How do you install Node.js packages? 2/2

- ☐ a. You can use git clone to install the Node.js package.
- ☐ b. You can use wget to install the Node.js package.
- ☒ c. You can use npm install [package name] to install the Node.js package. ✓
- ☐ D.. None of the above



✓ 27- How do you run the Node.js program file in the terminal?

2/2

- ☐ A. You have to open terminal and navigate to program folder with npm command and use filename.js command node.
- ☐ B. You have to open terminal and navigate to program folder with git command and use filename.js command node.
- ☒ C. You have to open terminal and go to program folder with cd command and use filename.js command node. ✓
- ☐ D. None of the above

✓ 28- What is the purpose of the 'require' function in Node.js?

2/2

- ☐ a. To create new variables in a Node.js program.
- ☒ b. To include external modules or files in a Node.js program. ✓
- ☐ c. To define functions in a Node.js program.
- ☐ d. None of the above

✓ 29- What is the difference between 'let' and 'var' in Node.js?

2/2

- ☐ a. There is no difference between 'let' and 'var' in Node.js.
- ☒ b. 'let' is block-scoped, while 'var' is function-scoped. ✓
- ☐ c. 'var' is block-scoped, while 'let' is function-scoped.
- ☐ d. None of the above



✓ 30- What is the purpose of the 'fs' module in Node.js?

2/2

- ☐ A. The 'fs' module is used for creating new classes in Node.js.
- ☐ b. The 'fs' module is used for creating new functions in Node.js.
- ☒ C. The 'fs' module is used for file system operations in Node.js, such as reading and writing files. ✓
- ☐ d. None of the above

✓ 31- What is Express in Node.js?

2/2

- ☐ A. Express is a package manager for Node.js.
- ☒ B. Express is a web application framework for Node.js. ✓
- ☐ c. Express is a database management tool for Node.js.
- ☐ d. None of the above

✓ 32- What are the benefits of using Express?

2/2

- ☐ a. Express is lightweight, flexible, and easy to use.
- ☐ b. Express provides powerful routing and middleware capabilities.
- ☐ c. Express is well-documented and has a large community for support.
- ☒ d. All of the above ✓



✓ 33- How do you install Express in a Node.js project?

2/2

- ☒ a. You can use the command 'npm install express' to install Express in a Node.js project. ✓
- ☐ b. You can use the command 'git clone express' to install Express in a Node.js project.
- ☐ c. You can use the command 'npm install -g express' to install Express globally in a Node.js project.
- ☐ d. None of the above

✓ 34- What is a package.json file in Node.js?

2/2

- ☒ a. It is a configuration file that lists the dependencies of a Node.js project. ✓
- ☐ b. It is a file that contains the source code of a Node.js application.
- ☐ c. It is a file that defines the routes of a Node.js application.

✓ 35- Which package can be used to create a server-side templating engine in Node.js? 2/2

- ☐ a. Express
- ☒ b. Handlebars ✓
- ☐ c. React



✓ 36- What is the purpose of the npm command in Node.js?

2/2

- ☒ a. It is used to install and manage Node.js packages.
- ☐ b. It is used to start a Node.js application.
- ☐ c. It is used to create a new Node.js project.



✓ 37- Which of the following modules is used for building command-line interfaces in Node.js?

2/2

- ☒ a. yargs
- ☐ b. chalk
- ☐ c. inquirer
- ☐ d. fs



✓ 38- What is a callback function in Node.js?

2/2

- ☒ a. It is a function that is called when an asynchronous task is complete.
- ☐ b. It is a function that is called when a synchronous task is complete.
- ☐ c. It is a function that is called when an error occurs in the application.



✓ 39- What is the purpose of the Npm module in Node.js?

2/2

- ☒ a. To manage packages
- ☐ b. To handle authentication
- ☐ c. To serve static files
- ☐ d. To render views



✓ 40- What is the syntax used for inserting dynamic content into an hbs template?

2/2

- ☒ a. {{dynamic\_content}}
- ☐ b. <% dynamic\_content %>
- ☐ c. \${dynamic\_content}



✓ 41- What is the purpose of the hbs module in Node.js?

2/2

- ☐ a. To provide a web framework for Node.js
- ☒ b. To provide a templating engine for Express.js
- ☐ c. To provide a database management system for Node.js



✓ 42- What is the most commonly used templating engine in Node.js? 2/2

- ☒ a. EJS
- ☐ b. Pug
- ☐ c. Jade
- ☐ d. Handlebars



✓ 43- How can you include a partial (a reusable component) in an hbs template? 2/2

- ☒ a. By using the `{{> partial}}` syntax
- ☐ b. By using the `<% include partial %>` syntax
- ☐ c. By using the `${partial}` syntax



✓ 44- Which of the following is NOT a built-in module in Node.js? 2/2

- ☐ a. http
- ☒ b. express
- ☐ c. fs
- ☐ d. path



✓ 45- How can you pass data from a route to an hbs template in Express.js? 2/2

- ☒ a. By using the res.render() method and passing an object as a second parameter ✓
- ☐ b. By using the app.set() method
- ☐ c. By using the app.engine() method

✓ 46- Which of the following is a tool for building APIs in Node.js? 2/2

- ☐ a. Mongoose
- ☒ b. Express ✓
- ☐ c. Sequelize
- ☐ d. Socket.io

✓ 47- How can you set the default layout for all hbs templates in an Express.js application? 2/2

- ☐ a. By using the app.engine() method
- ☐ b. By using the res.render() method
- ☒ c. By using the app.set() method ✓





✓ 48- What is the purpose of the Node Package Manager (npm)?

2/2

- ☒ a. To manage dependencies
- ☐ b. To run tests
- ☐ c. To deploy the application
- ☐ d. To create a package.json file



✗ 49- What is the purpose of a package.json file in a Node.js project?

0/2

- ☐ a. To manage dependencies
- ☒ b. To store configuration settings
- ☐ c. To run tests
- ☐ d. To deploy the application



✓ 50- How can nodemon be installed in a Node.js project?

2/2

- ☐ a. Manually downloading and installing the package from the internet.
- ☒ b. Using the Node Package Manager (npm) by running "npm install --save-dev nodemon".
- ☐ c. Using the "nodemon" command in the terminal.
- ☐ d. There is no need to install nodemon, it comes pre-installed with Node.js.



Ce contenu n'est ni rédigé, ni cautionné par Google. - [Conditions d'utilisation](#) - [Règles de confidentialité](#)

Google Forms



