Introduction to NodeJS
Week 1 - Day 6

Project Assignment 1

We will be building a Node.js Blog that will have the basic functionalities of a regular blog site.

- This week you have to design the website and serve the static files using the express web server. Take care of the routes, manage them properly in different files and folders, and include them in your main JavaScript file.
- Download the necessary CSS, js, images to build the frontend.
- Don't forget to use modules available for your express server.
- Use the REST architecture and Router in Express to implement actions like add, edit, post, delete.
- Implement proper error handling.

Details:

Build frontend for the following:

1. **base** ⬜ A Layout that will have a navbar, footer and correct tags to include different components of the website
2. **index/ home** ⬜ This will be the landing page, where all the blogs will be displayed, use cards and images to beautify it.
3. **details/ showPost** ⬜ For every post there will be a detailed version of it where we display all the content.
4. **addPost** ⬜ In the navbar, there will be a link to add a post, on clicking hat button the server should redirect to a new page where a form will be displayed which will have relevant details to upload a post.
5. **editPost** ⬜ For every post that a user posts, only the user can have the access to edit it. You can implement this in the detailed post itself.

6. **deletePost** ⬚ If the user wants to delete a post, he/she can do so by visiting the post's detailed page.
7. **error** ⬚ If somehow the user lands at a URL/ route which is not defined, you should redirect the user to an error404 page.

You don't need to develop the actual logic for add, edit, post, and delete operations. For now, just take care of the routing and if you click on any of them, a console message should be displayed. We will implement the rest of the logic in next week.

Try googling every step so that you know how the very basic things are implemented properly. For example, If I want to handle the edit, post, delete and add functions, should I write the code in a single file or in different files and how to arrange those files properly in the project directory.

P.S.: Do not copy paste. Write on your own even if you are using some reference.

Happy Coding