Assignment 3a.

Problem statement : Create a Node JS application which serve as static website.

Objective : use necessary modules like http, url, f, path etc. for creation of server and file system operation on server side

Theory.

step1.

Impating necessary modules and defining multi purpose internet mail extensions which helps browser to understand the type of file being sent.

Step2 : creating server at specific port.

Step3.

We will respond the URL 'l' to list all files in the directory.

Step4 :

Pre processing the requested file pathname to avoid. directory traversal.

Step 5 :

Finally check whether file exists if exists then send the file with the proper header.

Assignment 3b.

Title - API for CRUD operations.

Problem statement.
create four APIs using Node JS express JS and
MongoDB CRUD operations for register user, login user
and show user data.

Objective.
use Node JS, MongoDB and mongoose libraries to
create operations for user authe administration.

Theory

CRUD is an acroym for
    create.
    Read
    update.
    Delete.

step 1 : create the applications.
step 2 : install dependencies
step 3 : configuring and connecting to database.
step 4 : create mongoose model.
step 5 : create the controller
step 6 : Define Routes.

Conclusion (3a).
Thus, we have used http, fs, url, path node Js modules to create static file web server.

conclusion (3b).
Thus, we have used Node JS, express JS MongoDB. and mongoose libraries to create CRUD operations.

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