Div : B
Subject : Application development using Full stack (701)

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Practical Assignment -1

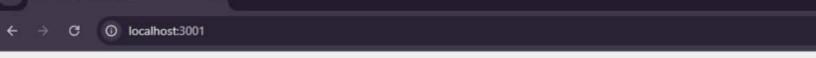
Roll no: 125



NodeJS AJAX Example

Click to Get Hello

Hello NodeJS!!



Hello from Static Server!

Click Me

Static Web Server

This is served by a static JavaScript file!

Welcome to WeatherBot! Ask me about the weather. Type 'exit' to guit.

You> how is the weather today? Chatbot> Today's weather is sunny and pleasant You> will it rain today?

Chatbot> No rain expected today You> bye

Chatbot> Bye! Stay safe

PS C:\Users\vaidehi\Downloads\Assignment 1\Assignment 1\q 3\chatbot cli>

PROBLEMS

```
/ Houe_Indudies
                                                                           PROBLEMS
                                  OUTPUT
                                           DEBUG CONSOLE
                                                          TERMINAL
                                                                    PORTS
> q 1
> q_2
                     PS C:\Users\vaidehi\Downloads\Assignment 1\Assignment 1\q 4\zip folder> npm i archiver
> q_3
∨ q_4\zip folder
                       added 78 packages, and audited 146 packages in 7s

∨ myFolder

≡ file1.txt
                       31 packages are looking for funding

≡ file2.txt
                         run `npm fund` for details
 JS index.is
                       found 0 vulnerabilities
 myFolder.zip
                     PS C:\Users\vaidehi\Downloads\Assignment 1\Assignment 1\q 4\zip folder> node index.js
> q_5
                        Zip file created: C:\Users\vaidehi\Downloads\Assignment 1\Assignment 1\q 4\zip folder
                        \mvFolder.zip (276 total bytes)
> q_6
                     PS C:\Users\vaidehi\Downloads\Assignment_1\Assignment_1\q 4\zip folder>
> q_7
> q_8
> q_9
```

```
const path - require( path );

✓ q 4\zip folder

 ∨ myFolder
                                                                                                      ≥ powershell - unzip_folder 十∨ □ 蘭 ···
                                                           TERMINAL

    file1.txt
                      PS C:\Users\vaidehi\Downloads\Assignment 1\Assignment 1\q 5\unzip folder> npm install unzipper

    file2.txt
JS index.js
                        up to date, audited 156 packages in 1s
 myFolder.zip

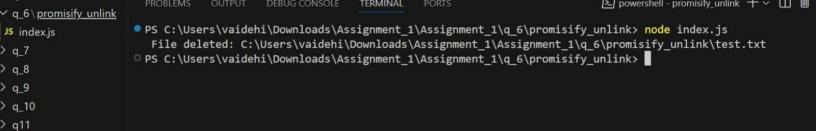
✓ a 5\unzip folder

                        31 packages are looking for funding
                          run `npm fund` for details

✓ extracted

    file1.txt
                        found @ vulnerabilities

    file2.txt
                      PS C:\Users\vaidehi\Downloads\Assignment 1\Assignment 1\q 5\unzip folder> node index.js
                         Extracted to folder: C:\Users\vaidehi\Downloads\Assignment 1\q 5\unzip folder\extracted
JS index.is
                      PS C:\Users\vaidehi\Downloads\Assignment 1\Assignment 1\q 5\unzip folder>
 myFolder.zip
> q 6
> q_7
> q 8
```



PORTS

TERMINAL

PROBLEMS

OUTPUT

DEBUG CONSOLE

text/html; charset=UTF-8" http-equiv="Content-Type"><meta content="/images/branding/googleg/1x/googleg st andard color 128dp.png" itemprop="image"><title>Google</title><script nonce="FmoJ3LXZIkwFBpcAtU498Q">(fun (nesPz-Cg0AM',kEXPI:'0,202792,62,2,3497438,655,435,448528,104244,425603,5 cti Focus folder in explorer (ctrl + click) 5017,36812643,25306697,41759,18491,14112,65169,6 PS C:\Users\vaidehi\Downloads\Assignment 1\Assignment 1\q 7\fetch google>

Server is running (this is your main app)

PS C:\Users\vaidehi\Downloads\Assignment 1\Assignment 1\q 8\scripts demo> npm run greet

> scripts demo@1.0.0 greet

> scripts demo@1.0.0 server

> node index.js

> node greet.is

Hello from the custom greet script!

PS C:\Users\vaidehi\Downloads\Assignment 1\Assignment 1\q 8\scripts demo> npm run test

> scripts demo@1.0.0 test > node test.js

This is a test script.

PS C:\Users\vaidehi\Downloads\Assignment_1\Assignment_1\q 8\scripts demo>

File created and written.

Content appended.

File content:

This is the first line.

| Powershell - fs demo + ∨ ∏ mi

This is the second line.

File renamed to demo-renamed.txt

File deleted.
PS C:\Users\vaidehi\Downloads\Assignment_1\Assignment_1\q_9\fs_demo> []

PORTS

PROBLEMS

OUTPUT

setInterval running... count: 1

DEBUG CONSOLE

This message is shown after 2 seconds (setTimeout)

TERMINAL

PS C:\Users\vaidehi\Downloads\Assignment 1\Assignment 1\q 10\global objects>

| powershell - global objects + ∨ | ∏ | iii ···

```
PS C:\Users\vaidehi\Downloads\Assignment 1\Assignment 1\q11\motivational quotes> npm init
 This utility will walk you through creating a package.json file.
 It only covers the most common items, and tries to guess sensible defaults.
 See 'npm help init' for definitive documentation on these fields
 and exactly what they do.
 Use 'npm install <pkg>' afterwards to install a package and
 save it as a dependency in the package.json file.
 Press ^C at any time to quit.
 package name: (motivational quotes tanisha)
 version: (1.0.0)
 description: hello
 git repository: tanisha
 author: Tanisha
 license: (ISC)
 About to write to C:\Users\vaidehi\Downloads\Assignment 1\Assignment 1\q11\motivational quotes\package.json:
    "name": "motivational quotes tanisha",
   "version": "1.0.0",
   "description": "hello",
   "main": "index.js",
    "scripts": {
      "test": "echo \"Error: no test specified\" && exit 1"
    },
    "keywords": [],
    "author": "Tanisha",
    "license": "ISC",
   "dependencies": {
      "motivational quotes tanisha": "^1.0.0"
   "devDependencies": {},
   "repository": {
     "type": "git",
     "url": "tanisha"
 Is this OK? (yes) yes
```

PS C:\Users\vaidehi\Downloads\Assignment_1\Assignment_1\q11\motivational_quotes>

