Name:beladiya hemanshi ashokbhai

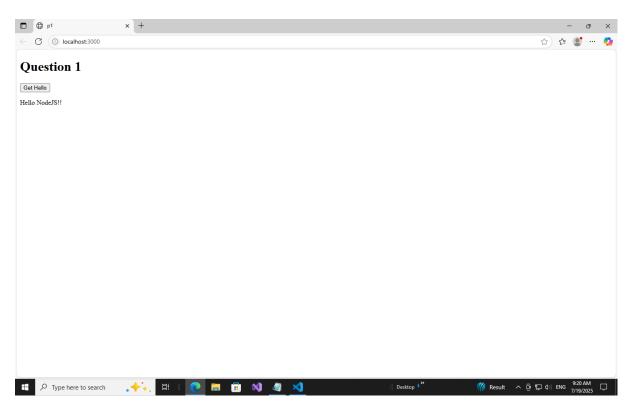
Roll no: 4

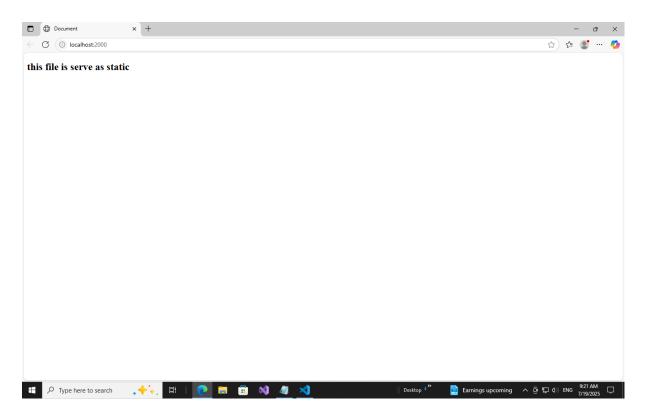
Div: a

Problemsheet 1

Subject : full stake

# P1.



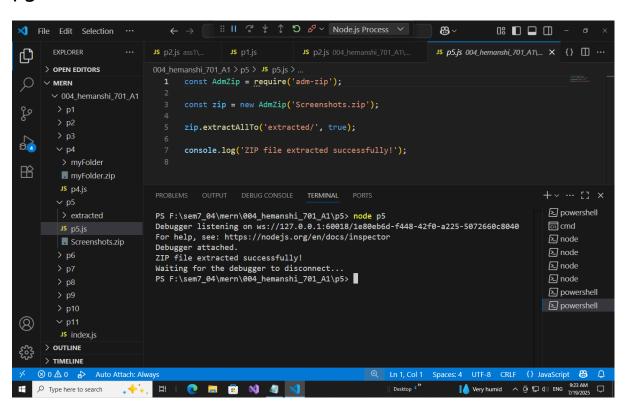


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X File Edit Selection ...
                                                                                                00 ■ ■ □ - o ×
                                                                                    83 ~
                                                             JS p2.js 004_hemanshi_701_A1\... X JS index.js
                                                                                                       JS test.js {} Ⅲ ···
     > OPEN EDITORS
                               const express = require('express');
     ∨ MERN
                                 const path = require('path');
      > p1
وړ
                                 const app = express();
                                const PORT = 2000;
       > p3
       > p4
                                 app.use(express.static(path.join(__dirname)));
       > p5
出
                                 app.listen(PORT, () => {
       > p6
                                  console.log(`Server running on http://localhost:${PORT}`);
       > p10
                           PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
                                                                                                          ≥ powershell
        JS index.js
                           PS F:\sem7_04\mern\004_hemanshi_701_A1\p3> node p3
                                                                                                          ⊡\ cmd
        {} package.json
                           Debugger listening on ws://127.0.0.1:59992/56e027e3-4e0a-4dd8-a8fc-d48961f8efdf
                                                                                                           ∑ node
                           For help, see: https://nodejs.org/en/docs/inspector
        JS test.js
                           Debugger attached. welcome! I'm a simple chatbot.
                                                                                                           ≥ node
                                                                                                           ≥ node
                            You: hii
                           Bot: Hello! How can I help you?
                                                                                                           ≥ node
       ≣ Jul 15 8_09 PM.txt
      node-as-1_zip.zip
     > OUTLINE
     > TIMELINE

    Q Ln 5, Col 15 Spaces: 2 UTF-8 CRLF {} JavaScript ← □
    🛇 0 🛕 0 🛮 😥 🛮 Auto Attach: Always
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X File Edit Selection ...
                                                                                               JS p4.js 004_hemanshi_701_A1\... × {} ...
                              JS p2.js ass1\...
                                                JS p1.js
                                                                 JS p2.js 004_hemanshi_701_A1\...
ф
      > OPEN EDITORS
                                const fs = require('fs');
     ∨ MERN [ ユロロ
                                     const path = require('path');
       ∨ 004_hemanshi_701_A1
                                     const archiver = require('archiver');
        > p1
وړ
                                     function zipFolder(sourceFolder, outPath) {
                                       const output = fs.createWriteStream(outPath);
         > myFolder
                                         zlib: { level: 9 } // Compression level
胎
         myFolder.zip
         JS p4.js
                               PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
         > p5
                                                                                                                         ≥ powershell
                               PS F:\sem7_04\mern\004_hemanshi_701_A1\p4> node p4
                               Debugger listening on ws://127.0.0.1:60009/0f203eae-34de-4715-982a-b169aa2d8bf4
                                                                                                                         ⊡ cmd
        > p7
                               For help, see: https://nodejs.org/en/docs/inspector
Debugger attached.
                                                                                                                         ≥ node
                                                                                                                         ≥ node
        > p9
                               Created zip file (456085 total bytes) at F:\sem7_04\mern\004_hemanshi_701_A1\p4\my
                                                                                                                         ≥ node
                               Folder.zip
                               Zipping completed!
Waiting for the debugger to disconnect...
                                                                                                                         ≥ node
        ∨ p11
                                                                                                                        ≥ powershell
                               PS F:\sem7_04\mern\004_hemanshi_701_A1\p4>
         {} package.json
         JS test.js
(8)
       > node modules
     OUTLINE
     > TIMELINE
                                                                                   Ln 1, Col 1 Spaces: 2 UTF-8 CRLF {} JavaScript 🔠 🚨
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& ~
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X File Edit Selection ···
                                                                                            JS p6.js 004_hemanshi_701_A1\... × {} ...
                             JS p2.js ass1\..
                                              JS p1.js
                                                              JS p2.js 004_hemanshi_701_A1\...
ф
     > OPEN EDITORS
Q
                                    const fs = require('fs').promises;

✓ MERN

       ∨ 004_hemanshi_701_A1
                                    async function deleteFile(filePath) {
        > p1
ڡڕ
                                        await fs.unlink(filePath);
        > p3
                                        console.log(`File "${filePath}" deleted successfully.`);
         > myFolder
                                        console.error(`Failed to delete "${filePath}":`. err.message);
肸
        myFolder.zip
        JS p4.js
                                       OUTPUT DEBUG CONSOLE TERMINAL
                                                                                                                     ≥ powershell
                              PS F:\sem7_04\mern\004_hemanshi_701_A1\p6> node p6
         > extracted
                              Debugger listening on ws://127.0.0.1:60023/37685264-3159-4ce2-b132-0f0904de7cae
                                                                                                                     ⊡ cmd
        JS p5.js
                              For help, see: https://nodejs.org/en/docs/inspector
                                                                                                                     ≥ node
         Screenshots.zip
                              Debugger attached.
                                                                                                                     № node
        ∨ p6
                              File "p6.txt" deleted successfully.
                                                                                                                     ≥ node
                             Waiting for the debugger to disconnect...
PS F:\sem7_04\mern\004_hemanshi_701_A1\p6>
                                                                                                                     ∑ node
        > p7
                                                                                                                     ≥ powershell
                                                                                                                     ≥ powershell
        > p9
                                                                                                                    ▶ powershell
(2)
        ∨ p11
     > OUTLINE
     > TIMELINE
                                                                              Q Ln 1, Col 1 Spaces: 2 UTF-8 CRLF {} JavaScript 🔠 🚨
                                                                                           Type here to search
                              計 🛛 🥲 🥫 📋 刘 🚜
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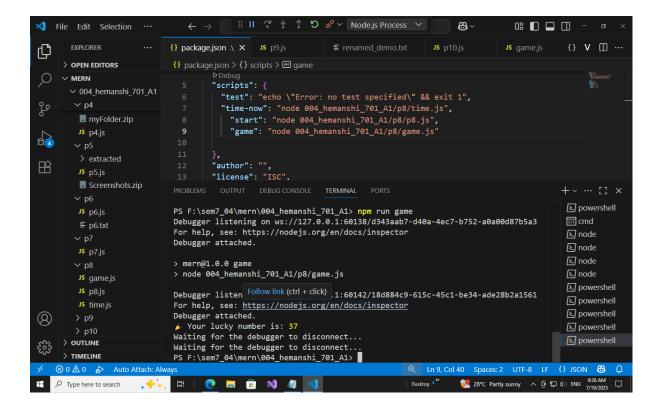
```
00 □ □ □ -
X File Edit Selection ···
                                                                                                         89. ~
                                                                                                        JS p7.js 004_hemanshi_701_A1\... × {} ...
                                    JS p2.js 004_hemanshi_701_A1\...
                                                                      ■ p6.txt 004_hemanshi_701_A1\...
       > OPEN EDITORS
                                         const fetch = require('node-fetch')

✓ MERN

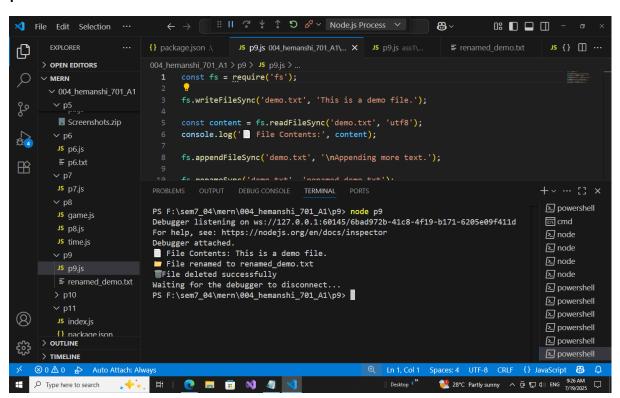
        ∨ 004_hemanshi_701_A1
                                         async function fetchGooglePage() {
وړ
                                             const response = await fetch('https://www.google.com');
          > myFolder
24
          myFolder.zip
                                              if (!response.ok) {
          JS p4.js
                                               throw new Error(`HTTP error! status: ${response.status}`);
         ∨ p5
          JS p5.js
                                  PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
          ■ Screenshots.zip
                                                                                                                                     ≥ powershell
                                  PS F:\sem7_04\mern\004_hemanshi_701_A1\p7> node p7
         ∨ p6
                                  Debugger listening on ws://127.0.0.1:60029/30166fec-adc8-48dd-a2ab-f403d567f9ad For help, see: https://nodejs.org/en/docs/inspector Debugger attached.
                                                                                                                                     লি cmd
          JS p6.js
                                                                                                                                     ≥ node
                                                                                                                                     ≥ node
                                  Google Homepage HTML:
         ∨ p7
                                                                                                                                     ≥ node
                                  <!doctype html><html itemscope="" itemtype="http://schema.org/WebPage" lang="en-IN "><head><meta content="text/html; charset=UTF-8" http-equiv="Content-Type"><meta content="/images/branding/googleg/1x/googleg_standard_color_128dp.png" itemprop="im"
                                                                                                                                     ≥ node
         > p8

    powershell

                                                                                                                                     ≥ powershell
                                  > p10
                                                                                                                                     ≥ powershell
                                  893,1411
      > OUTLINE
                                  Waiting for the debugger to disconnect..
      > TIMELINE
                                  PS F:\sem7_04\mern\004_hemanshi_701_A1\p7>
                                                                                         Ln 19, Col 19 Spaces: 2 UTF-8 CRLF {} JavaScript 🔠 🚨
     計 🛮 🥲 📜 📋 刘 🔌 刘
                                                                                             Desktop (** Nednesday season 2... A @ 🖫 🕬 ENG 9:24 AM 7/19/2025
```



## p9



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                                                                                                 83 ~
X File Edit Selection ···
                                                   JS p9.js 004_hemanshi_701_A1\...
                                                                                 JS p10.js 004_hemanshi_701_A1\... X JS p9.js ass1\. {} ...
                              {} package.json .\
ф
      > OPEN EDITORS

✓ MERN

                                      global.myGlobalVar = "I'm a global variable";
       ∨ 004_hemanshi_701_A1
        ∨ p5
ڡڕ
                                      function printGlobalVar() {
         Screenshots.zip
                                          console.log(global.myGlobalVar);
        ∨ p6
         JS p6.js
                                      console.log("Directory name:",
                                                                        dirname):
肸
                                      console.log("File name:", __filename);
         JS p7.js
                                                                  TERMINAL
        ∨ p8
                               PS F:\sem7_04\mern\004_hemanshi_701_A1\p10> node p10  
Debugger listening on ws://127.0.0.1:60151/ce40fda9-d090-4114-9c52-fe2ed8dccff4
                                                                                                                           [c₁√] cmd
         JS game.js
                                                                                                                           ≥ node
         JS p8.js
                               For help, see: https://nodejs.org/en/docs/inspector
                                                                                                                           ≥ node
         JS time.js
                               Debugger attached.
                                                                                                                           ≥ node
                               Directory name: F:\sem7_04\mern\004_hemanshi_701_A1\p10
        ∨ p9
                                                                                                                           ≥ node
                               File name: F:\sem7_04\mern\004_hemanshi_701_A1\p10\p10.js
         JS p9.js
                               Process Platform: win32
                                                                                                                           ▶ powershell
                               Node.is Version: v18.18.2
                                                                                                                           ≥ powershell
         > p10
                               I'm a global variable
                                                                                                                           ≥ powershell
                                This runs after 2 seconds.
        ∨ p11
                               Waiting for the debugger to disconnect...
PS F:\sem7_04\mern\004_hemanshi_701_A1\p10>
                                                                                                                           ≥ powershell
(8)
                                                                                                                           ≥ powershell
      > OUTLINE
                                                                                                                           ≥ powershell
                                                                                                                          ≥ powershell
     > TIMELINE
                                                                                     Ln 1, Col 1 Spaces: 4 UTF-8 CRLF {} JavaScript
```

```
🕇 routes.js
              us index.js X us test.js
                                          demo_create_mongo_db.js
                                                                  tsconfig.json
                                                                                  i README.md
 emoji-weather > Js index.js > ...
       async function getRealTime(city, apiKey) {
         const url = `https://api.openweathermap.org/data/2.5/weather?q=${city}&appid=${apiKey}&un
         const response = await axios.get(url);
         const data = response.data;
         const condition = data.weather[0].main;
         const temp = data.main.temp;
         const emoji = emojiMap[condition] || " ["];
 PROBLEMS OUTPUT DEBUG CONSOLE PORTS TERMINAL
                                                                       powershell - emoji-weather + V III iii ···
     at Function.executeUserEntryPoint [as runMain] (node:internal/modules/run_main:151:5)
     at node:internal/main/run main module:33:47 {
   code: 'MODULE_NOT_FOUND',
   requireStack: []
 Node.js v23.5.0
PS C:\Users\Hemanshi Beladiya\OneDrive\Desktop\node\emoji-weather> node test

is expected tomorrow.

 Clouds in Surat, 29.42°C
PS C:\Users\Hemanshi Beladiya\OneDrive\Desktop\node\emoji-weather>
```