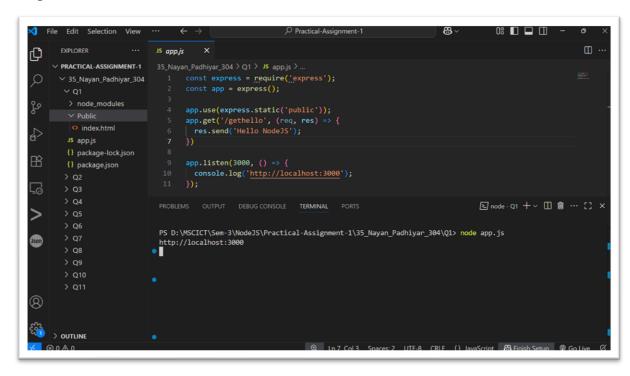
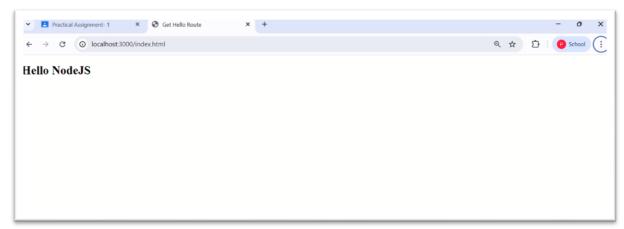
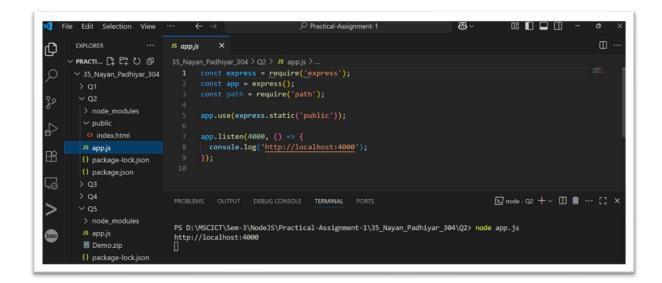
- 1. Develop nodejs application with following requirements:
- Develop a route "/gethello" with GET method. It displays "Hello NodeJS!!" as response.
- Make an HTML page and display.
- Call "/gethello" route from HTML page using AJAX call. (Any frontend AJAX call API can be used.)

Output:-





2. Develop a web server which serves static resources.





3. Develop a module for domain specific chatbot and use it in a command line application.

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                                                                                                             JS app.js ...\Q3 X
D
                                                   JS app.js ...\Q6

✓ PRACTICAL-ASSIGNMENT-1

                                                               console.log("Welcome to Node.js Chatbot! Type your question (type 'bye' to exit)");
             > Q2
                                                               read.prompt();
                                                              read.on('line', (line) => {
  const input = line.trim();
              JS chatbot.js
                                                                  const response = getResponse(input);
                                                                 if (input.toLowerCase() === 'bye') {
 <u>-0</u>
             > 07
             > Q8
                                                                                                                                                                                        ≥ node - Q3 + ~ □ i ··· [] ×
                                                 PS D:\MSCICT\Sem-3\NodeJS\Practical-Assignment-1\35_Nayan_Padhiyar_304\Q4> node app.js
                                                 PS D:\MSCICT\Sem-3\NodeJS\Practical-Assignment-1\35_Nayan_Padniyar_304\Q4> node app.js
Zip complete! Total bytes: 284 bytes

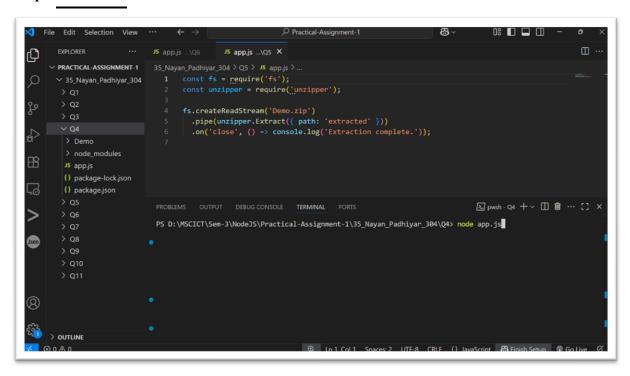
PS D:\MSCICT\Sem-3\NodeJS\Practical-Assignment-1\35_Nayan_Padniyar_304\Q4> cd..

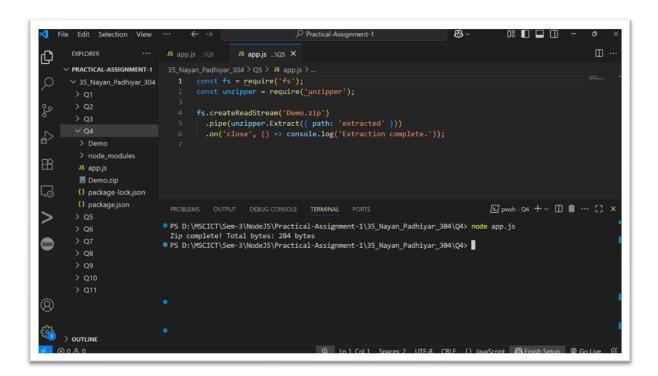
PS D:\MSCICT\Sem-3\NodeJS\Practical-Assignment-1\35_Nayan_Padniyar_304> cd Q3

PS D:\MSCICT\Sem-3\NodeJS\Practical-Assignment-1\35_Nayan_Padniyar_304\Q3> node app.js
Welcome to Node.js Chatbot! Type your question (type 'bye' to exit)
                                                 Bot: Sorry, I don't understand that.
• You: hello
8
                                                    Bot: Hi!
```

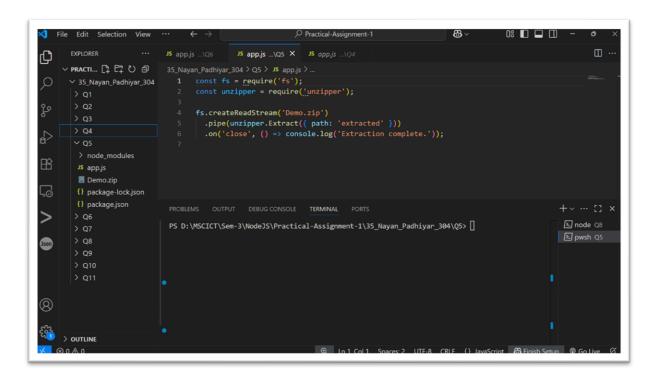
4. Write a program to create a compressed zip file for a folder.

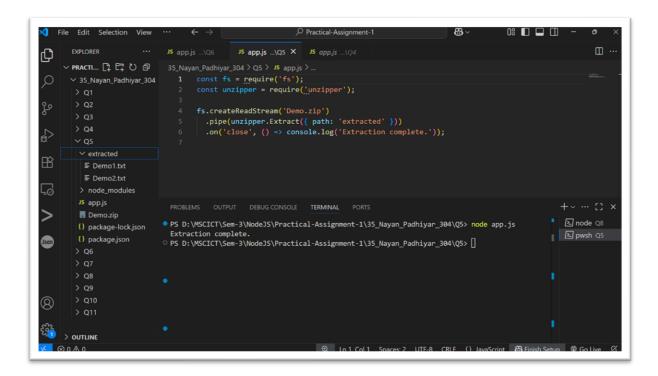
Output:-



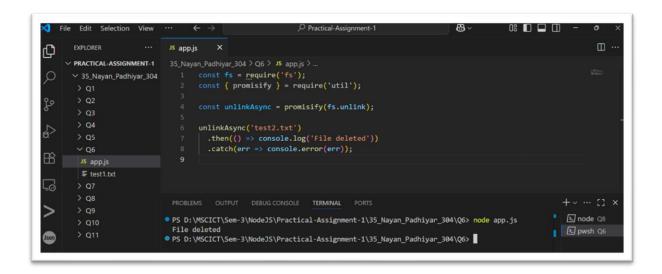


5. Write a program to extract a zip file.



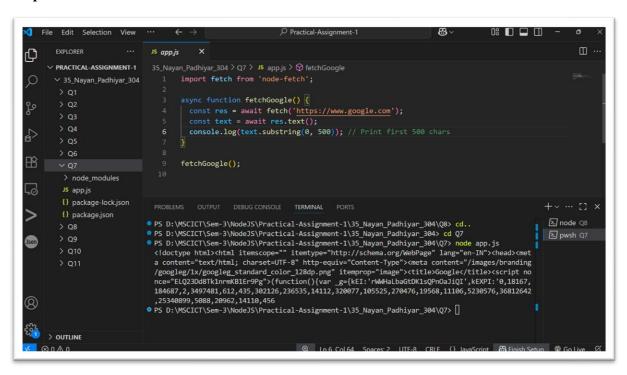


6. Write a program to promisify fs.unlink function and call it.



7. Fetch data of google page using note-fetch using async-await model.

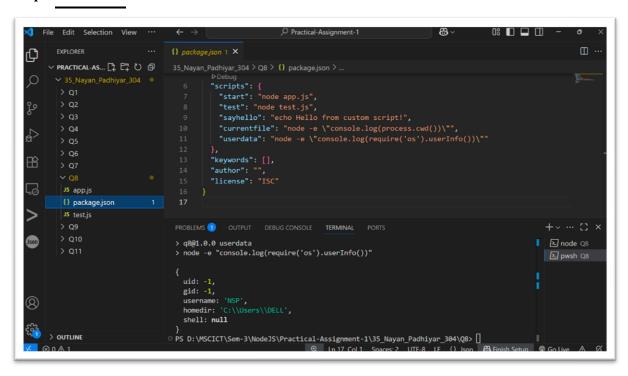
Output:-



8. Set a server script, a test script and 3 user defined scripts in package.json file in your nodejs

application.

Output:-



9. A program which calls useful functions in fs modile.

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∨ PRACTICAL-ASSIGNMENT-1

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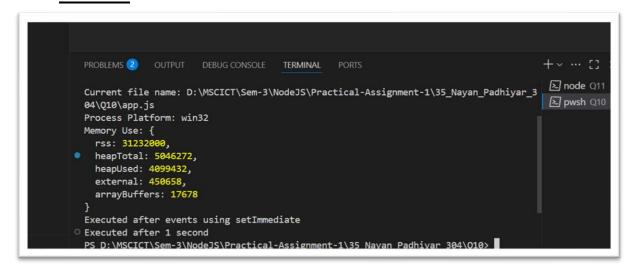
                                                          fs.writeFileSync('example.txt', 'Hello, this is a test file!');
                                                           fs.appendFileSync('example.txt', '\nAppended line.');
                                                          const content = fs.readFileSync('example.txt', 'utf-8');
console.log("File Content:\n", content);
           > Q5
           > Q6
                                                           fs.renameSync('example.txt', 'rename.txt');
                                                           if (fs.existsSync('rename.txt')) {
  console.log('rename.txt exists!');
 <u>_</u>@
           ~ Q9
                                                                                                                                                                             ≥ noue
≥ pwsh Q9
           > Q10
PS D:\MSCICT\Sem-3\WodeJS\Practical-Assignment-1\35_Nayan_Padhiyar_304\Q10> cd..

V Q11\simple-arithmetic-fun...
PS D:\MSCICT\Sem-3\WodeJS\Practical-Assignment-1\35_Nayan_Padhiyar_304\cd Q9

JS appjs
PS D:\MSCICT\Sem-3\WodeJS\Practical-Assignment-1\35_Nayan_Padhiyar_304\Q9> node app.js
                                                                                                                                                                                 ≥ node Q11
                                                  File Content:
           {} package.json
            ① README.md
                                                  Appended line.
                                                  PS D:\MSCICT\Sem-3\NodeJS\Practical-Assignment-1\35 Nayan Padhiyar 304\Q9> |
       > OUTLINE
```

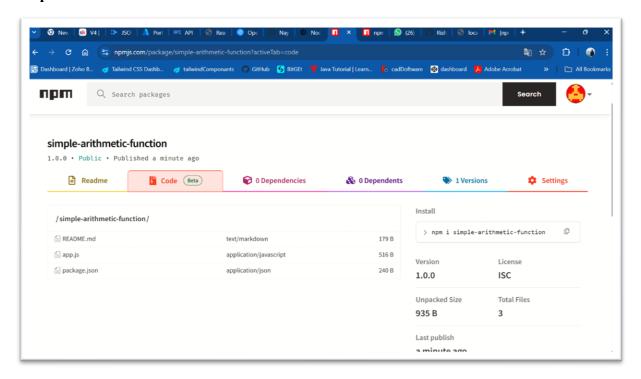
10. A program which uses global objects in nodejs.

Output:-



11. Develop a useful package and publish it on npmjs.com

Output:-



[GitHub Link:

https://github.com/Nayan8319/OSWD/tree/main/35 Nayan Padhiyar 304 A1]