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Roll No: 45

Subject : Node js

Practical Assignment - 1

Develop a route "/gethello" with GET method. It displays "Hello Nod

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Develop a web server which serves static resources.

```
server.js node-Q2 X a chatbot.js app.js node-Q4 app.js node-Q5
                                                node-Q2 > 😹 server.js > .
                                                  const express = require('express');
const path = require('path');
V NODE ASSIGNMENT
  > public

package-lock.json
                                                  3
4 const app = express();
5 const PORT = 3000;
6
7 app.use(express.static('public'));
8
     package.ison
                                              app.listen(PORT, () => {
    console.log(`Static resource server running at http://localhost:${PORT}`);
      script.js

    package-lock.json
    package.json

    server.js
   node-Q4
   node-Q5
   node-Q7
   node-Q9 node-Q10
   node-Q11

  package-lock.json
```

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

```
ф
                                                                                                                            onst responses = {
    hello: "Hellol Welcome to the Bookstore chatbot. How can I help you today?",
    books: "We have fiction, non-fiction, fantasy, mystery, and science fiction books.",
    authors: "Some popular authors: J.K. Rowling, George Orwell, Agatha Christic.",
    genres: "We offer books in genres like thriller, romance, fantasy, and biography.",
    bye: "Goodbyel Thanks for chatting with the Bookstore bot.",

∨ NODE ASSIGNMENT

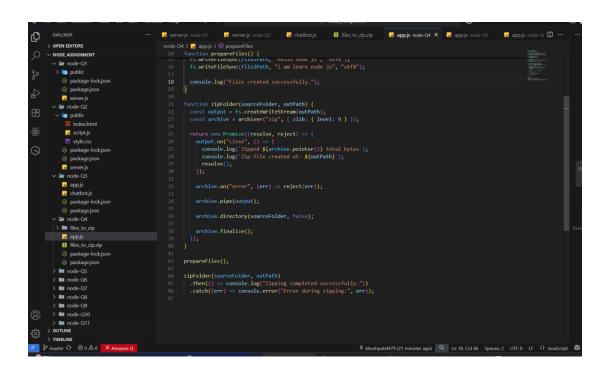
                                                                                                                           function chatbotResponse(input) {
  const text = input.toLowerCase();
                        index.html
script.js
style.css
package-lock.json
                                                                                                                               if (text.includes("hello") || text.includes("hi")) {
   return responses.hello;
                                                                                                                                }
if (text.includes("book")) {
  return responses.books;
                        package.json
server.js
                  ∨ m node-Q3
                                                                                                                                if (text.includes("author")) {
    return responses.authors;
}
if (text.includes("genre")) {
    return responses.genres;

    package-lock.json
    package.json

                 > node-Q4
                    node-Q7
                  > node-Q9
                  > m node-Q11
           > OUTLINE
```

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

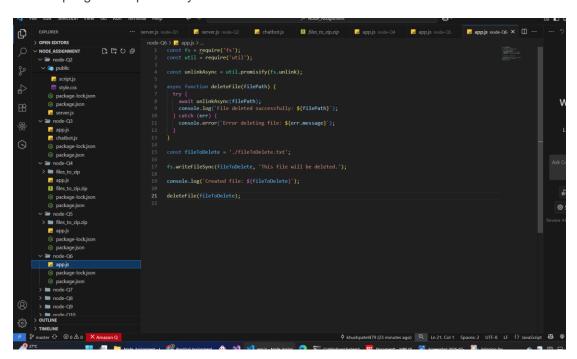
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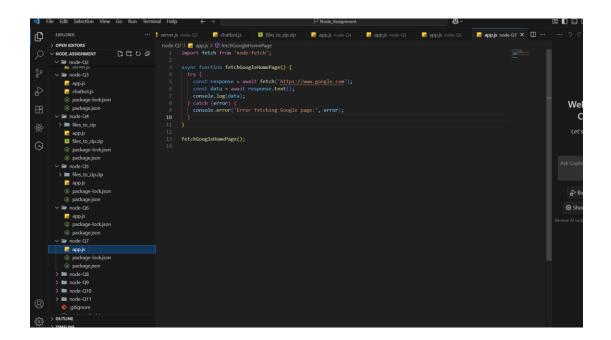
Write a program to extract a zip file.

```
| Constraint | Con
```

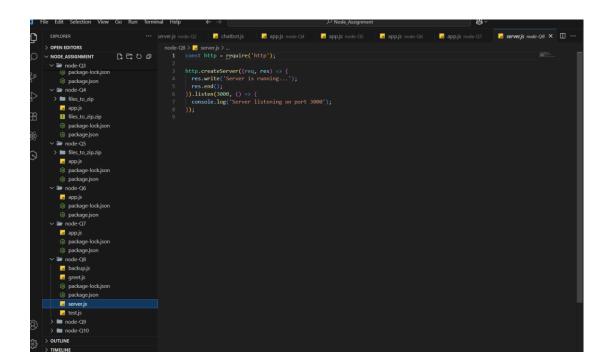
Write a program to promisify fs.unlink function and call it.



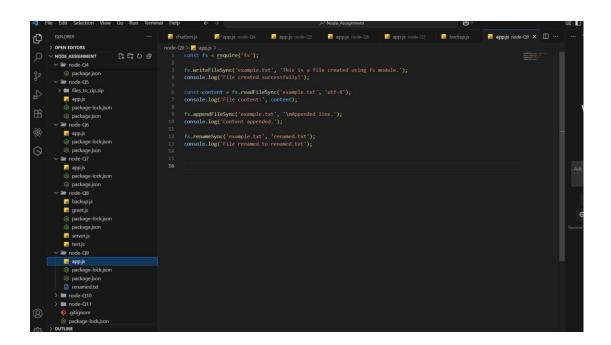
Fetch data of google page using note-fetch using async-await model.



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



A program which calls useful functions in fs modile.



A program which uses global objects in nodejs.

```
| File | Gall Selection | View | Go | Run | Perminal | Help | Cornel | September | Septemb
```