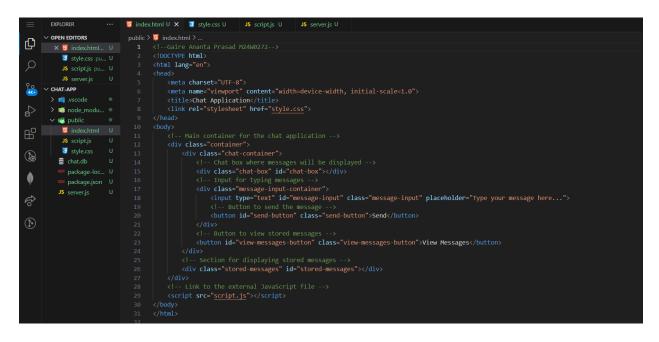
Gaire Ananta Prasad (M24W0272) Chat App Using JavaScript, Html and CSS Html Code



JavaScript Code

```
0
                index.html... U
style.css pu... U
                                                            //Gaire Ananta Prasad M24W0272

document.getElementById('send-button').addEventListener('click', sendWessage);
document.getElementById('view-messages-button').addEventListener('click', viewMessages);
                                                           > iii .vscode
> iii node_modu..
                                                                        },
body: JSON.stringify({ message })
}).then(response => response.json())
                package-loc... U
                                                                          ;; then(data => {
    document.getElementById('message-input').value = '';
    updatechatBox();
.
                                                         function viewMessages() (
  fetch('/messages')
    then(response => response.json())
    then(data => {
      const storedMessagesDiv = document.getElementById('stored-messages');
      storedMessagesDiv.innerHTML = '';
      data.messages.forEach(msg => {
            const messageElement = document.createElement('p');
      messageElement.textContent = msg;
      storedMessagesDiv.appendChild(messageElement);
    };
}
                               > OUTLINE
         > TIMELINE
                                                                      cn( //de>sages)
.then(response => response.json())
.then(data => {
    const chatBox = document.getElementById('chat-box');
    chatBox.innerHTML = '';
}
             style.css
           chat.db
                                                                             Chatesv.innerfine = ;
data.messages.forfach(msg => {
    const messageslement = document.createElement('p');
    messageslement.textContent = msg;
    chatBox.appendChild(messageElement);
                                                          verjs > ...
//Gaire Ananta Prasad M24W0272
const express = require('express');
const bodyParser = require('body-parser');
const sqlite3 = require('sqlite3').verbose();
           OPEN EDITORS 1 unsaved
            JS script.js pu... U

JS server.js U
                                                           const app = express();
app.use(bodyParser.json());
app.use(express.static('public'));
           > node_modu...
              public o index.html U
               JS script.js

style.css
                                                          chat.db
•
                                                                  const message = req.body.message;
db.run('INSERT INTO messages (message) VALUES (?)', [message], (err) ->> {
    if (err) {
        return res.status(500).json({ success: false });
    }
}
                                                                         res.json({ success: true });
                                                            3);
app.get('/messages', (req, res) => {
    db.all('SELECT * FROM messages ORDER BY timestamp ASC', (err, rows) => {
                                                                         if (err) {
    return res.status(500).json({ success: false });
                                                                        const messages = rows.map(row => `[${row.timestamp}] ${row.message}`);
res.json({ messages });
                                                            app.listen(3000, () => {
    console.log('Server is running on http://localhost:3000');
```

CSS

```
😈 index.html U
                                                                       JS server.js U •
                                            public > 🥫 style.css > ...

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                                            1 /* Gaire Ananta Prasad M24W0272 */
2 .chat-container {
               😈 index.html... U
            X 🥫 style.css pu... U
                                                      width: 300px;
margin: 0 auto;
border: 1px solid ■#ccc;
padding: 10px;
background-color: ■#f9f9f9;

    JS server.js

        ∨ CHAT-APP
          > 💋 .vscode
          > 👘 node_modu... 🌘
          🗸 🐗 public
               🥫 index.html U
                                                     /* Chat Box Styling */
.chat-box {
  width: 100%;
  height: 200px;
  border: 1px solid ■#ccc;
  margin-bottom: 10px;
  overflow-y: scroll;
  background-color: ■#fff;
              JS script.js U

style.css U
(
             chat.db U
package-loc... U
package.json U
•
                                                       #message-input {
   width: calc(100% - 22px);
                                                              padding: 5px;
                                                       /* Button Styling */
#send-button, #view-messages-button {
                                                              padding: 5px;
                                                              margin-top: 10px;
                                                       .stored-messages {
(8)
                                                         margin-top: 20px;
background-color: ■#f3f3f3;
padding: 10px;
border: 1px solid ■#ccc;
        > OUTLINE
        > TIMELINE
```

```
style.css U X JS script.is U
                                     index.html U
       ✓ OPEN EDITORS 1 unsaved public > 3 style.css > ...
C)
              🥫 index.html... U
                                      33 .stored-messages {
           X ड style.css pu... U
                                                   padding: 10px;
Q
                                                    border: 1px solid ■#ccc;

    JS server.js

                                      41 body {
42 font-family: Arial, sans-serif;
43 background-color: ■ #f4f4f4;
43
         > 👩 .vscode
         > 🌀 node_modu... 🌘
         🗸 륣 public
              ■ index.html U
             JS script.js U
Style.css U
                                                   padding: 0;
chat.db
             package-loc... U
•
                                                    margin: 0 auto;
                                             padding-top: 50px;
                                                 border: 1px solid ■#ccc;
                                                    padding: 10px;
                                                   background-color: ■#fff;
margin-bottom: 20px;
                                                   overflow-y: auto;
max-height: 400px;
                                               .message-input-container {
                                                    justify-content: space-between;
8
                                               .message-input {
    width: calc(100% - 80px);
       > OUTLINE
                                                    padding: 10px;
border: 1px solid ■#ccc:
       > TIMELINE
                                   🥫 index.html U 🥫 style.css U 🗙 🕽 script.js U 🔰 server.js U •
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C)
           index.html... U
         X style.css pu... U

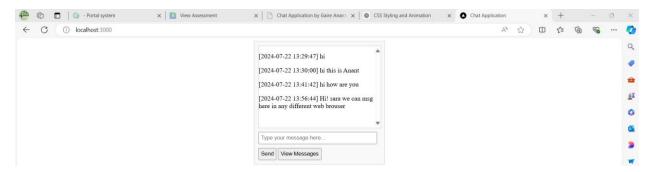
JS script.js pu... U
                                            .send-button {
                                             padding: 10px 20px;
background-color: □#28a745;
color: □white;

∨ CHAT-APP

                                               border: none;
border-radius: 4px;
        > 🞼 node_modu... 🌘
         ∨ 🐗 public 🌼
            index.html U
           JS script.js U

style.css U
                                          .send-button:hover {
  background-color: ■#218838;
           chat.db U
•
                                           .view-messages-button {
   padding: 10px 20px;
   background-color: ■#007bff;
   color: ■white;
                                                cursor: pointer;
                                                 margin-top: 10px;
                                                display: block;
                                           .view-messages-button:hover {
   background-color: ■#0056b3;
                                            .message {
                                                margin-bottom: 10px;
                                                padding: 19px;
border: 1px solid ■#ddd;
border-radius: 4px;
background-color: ■#f9f9f9;
> OUTLINE
      > TIMELINE
```

Output in Microsoft edge



Output in chrome

