Index.php

```php
<!DOCTYPE html>
<html lang="pt-br">
<head>
    <meta charset="UTF-8">
    <title>Chat em PHP</title>
    <style>
        #chat-box {
        align: center;
        width: 100%;
        height: 400px;
        background: black;
        color: #ffff;
        border: 1px solid #ccc;
        overflow-y: scroll;


        }
        #message {
            width: 200px;

        }
    </style>
</head>
<body align="center">
    <h1>Chat em PHP</h1>
    <div id="chat-box"></div><br />
  <h1> <input type="text" id="nickname" placeholder="Seu apelido">
    <input type="text" id="message" placeholder="Sua mensagem">
    <button onclick="sendMessage()">Enviar</button>
    <button onclick="clearChat()">Limpar Chat</button></h1>

    <script>
        function sendMessage() {
```

```
34              var nickname = document.getElementById('nickname').value;
35              var message = document.getElementById('message').value;
36  v           if (nickname && message) {
37                  var xhr = new XMLHttpRequest();
38                  xhr.open('POST', 'postMessage.php', true);
39                  xhr.setRequestHeader('Content-type', 'application/x-www-form-urlencoded');
40                  xhr.send('nickname=' + nickname + '&message=' + message);
41                  document.getElementById('message').value = '';
42              }
43          }
44
45  v       function getMessages() {
46              var xhr = new XMLHttpRequest();
47              xhr.open('GET', 'getMessages.php', true);
48  v           xhr.onload = function() {
49  v               if (this.status == 200) {
50                      document.getElementById('chat-box').innerHTML = this.responseText;
51                  }
52              }
53              xhr.send();
54          }
55
56  v       function clearChat() {
57              var xhr = new XMLHttpRequest();
58              xhr.open('POST', 'clearChat.php', true);
59  v           xhr.onload = function() {
60  v               if (this.status == 200) {
61                      document.getElementById('chat-box').innerHTML = '';
62                  }
63              }
64              xhr.send();
65          }
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67                  setInterval(getMessages, 1000);
68          </script>
69      </body>
70  </html>
71
```

postMessages.php

```php
<?php
if (isset($_POST['nickname']) && isset($_POST['message'])) {
    $nickname = htmlspecialchars($_POST['nickname']);
    $message = htmlspecialchars($_POST['message']);
    $log = fopen('chat.log', 'a');
    fwrite($log, "<h1><strong>$nickname:</strong> $message</h1>\n");
    fclose($log);
}
?>
```

getMessages.php

```php
<?php
if (file_exists('chat.log')) {
    echo file_get_contents('chat.log');
}
?>
```

clearChat.php

```php
<?php
$log = fopen('chat.log', 'w');
fclose($log);
?>
```