Package.json  
{  
"name": "memechat",  
"version": "1.0.0",  
"description": "a fun chatting webpage for my boiizzz in the comments",  
"main": "memeServer.js",  
"scripts": {  
"test": "echo \"Error: no test specified\" && exit 1",  
"start": "node server.js"  
},  
"author": "rhymbil",  
"license": "ISC",  
"dependencies": {  
"balanced-match": "^1.0.0",  
"express": "\*",  
"[socket.io](http://socket.io/)": "\*"  
}  
}  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
MEMESERVER  
  
//How to make a meme server courtesy of RhymBil  
var express = require("express");   
var app = express();  
var server = require("http").createServer(app);  
var io = require("[socket.io](http://socket.io/)").listen(server);  
//setting the required variables  
  
memers = []; //users array  
memeConnections = []; //connections array  
  
server.listen(process.env.PORT || 2019); // It will run on localhost:(any number)  
console.log("Meme Server Is Up");  
  
app.get("/", function(req, res){  
res.sendFile(\_\_dirname + "/index.html"); //links to html file CHANGE /index.html to you actually html file  
  
});  
  
io.sockets.on("connection", function(socket){  
//connection stuff  
memeConnections.push(socket);  
console.log("Memers connected: %s", memeConnections.length);  
  
// disconnection stuff  
socket.on("disconnect", function(data){  
  
memers.splice(memers.indexOf(socket.username), 1); //accessing the array memers  
  
  
memeConnections.splice(memeConnections.indexOf(socket),1);  
console.log("Memers disconnected: %s ", memeConnections.length);  
});  
  
//send dem meme messages  
socket.on("send meme message", function(data){   
console.log(data);// shows what the memers typed in console  
io.sockets.emit("new meme message", {msg: data});  
});  
});  
  
  
  
  
  
  
  
  
MemeChat.html  
  
<html>  
<head>  
<title> MemeChat</title>  
<script src="<https://code.jquery.com/jquery-latest.min.js>"></script>  
<script src="/[socket.io/socket.io.js](http://socket.io/socket.io.js)"></script>  
</head>  
  
<body>  
  
<div id="memechat"> <p id="p">Meme Chat </p><p id="pr"> By RhymBil</p></div>   
<br>  
<br>  
<div id="holder">  
<form id="messageForm">  
  
  
<input type="text" id="messageInput" placeholder="Type..."/>  
<button type="submit" id="btn" onclick="hidel()"> Send </button>  
  
</form>  
<div class="chat" id="chat" style="overflow-y:scroll; height:450px;">  
  
  
<div id="messageBox">  
  
</div>  
</div>  
<button type="submit" id="btn1" onclick="showl()"> Show All </button>  
  
</body>  
  
  
  
  
  
<script>  
$(function(){  
var socket = io.connect(); //connects to socket  
var $messageForm = $("#messageForm"); //ref to the div message form  
var $messageInput = $("#messageInput"); //ref to input box with id message  
var $chat = $("#chat"); //ref to div chat  
var test = $messageInput.val("");  
  
$messageForm.submit(function(e){  
e.preventDefault();  
socket.emit("send meme message", $messageInput.val());  
$messageInput.val("");  
  
});  
socket.on("new meme message", function(data){  
  
if(data.msg.length > 0){  
$chat.append('<br>' +'<div id="circle"> ' + '<textarea id="t" readonly>' + data.msg + '</textarea>'+' </div>' + '<br>' );  
}  
});  
  
});  
  
showlog = false;  
window.setInterval(function() {  
if(showlog == false){  
var chat = document.getElementById("chat");  
chat.scrollTop = chat.scrollHeight;  
}  
}, 4);  
  
function showl(){  
showlog = true;  
  
}  
function hidel(){  
var chat = document.getElementById("chat");  
chat.scrollTop = chat.scrollHeight;  
showlog = false;  
}  
  
</script>  
  
  
  
  
  
  
  
  
<style>  
body{  
background-color:#1abc9c;  
  
}  
#p{  
margin-top:9px;  
}  
#pr{  
font-size:12px;  
margin-top:-34px;  
margin-left: 82px;  
}  
#memechat{  
background-color:#e74c3c;  
font-family: verdana;  
color:white;  
font-size: 30px;  
text-align:center;  
border: 2px solid white;  
border-radius:15px;  
width:190px;  
height:60px;  
  
}  
  
#btn{  
background-color: white;  
font-size:15px;  
font-family: Verdana;  
color:black;  
width:56px;  
height:51px;  
text-align: center;  
margin-left:0px;  
border-radius:10px;  
outline:none;  
border: 2px solid #e74c3c;  
  
}  
#btn1{  
background-color: white;  
font-size:15px;  
font-family: Verdana;  
color:black;  
width:100px;  
height:40px;  
text-align: center;  
margin-left:1040px;  
margin-top: -40px;  
border-radius:10px;  
outline:none;  
border: 2px solid #e74c3c;  
  
}  
#messageInput{  
margin-left: 532px;  
text-align:center;  
border-radius:10px;  
outline:none;  
shadow:none;  
font-size:15px;  
font-family: Verdana;  
color:black;  
width:250px;  
height:50px;  
}  
  
#t {  
text-align:left;  
font-size:15px;  
font-family: Verdana;  
color:black;  
border: 2px solid #f1c40f;  
margin-top: -5px;  
margin-left: 72px;  
width:200px;  
height:90px;  
background-color:white;  
border-radius:12px;  
resize: none;  
outline: none;  
  
}  
#chat{  
  
border: 6px solid white;  
width:700px;  
background-color:#e74c3c;  
margin:auto;  
border-radius: 10px;  
}  
  
::-webkit-scrollbar {   
display: none;  
}  
#circle{  
width:50px;  
height:50px;  
border-radius:100px;  
border: 5px solid white;  
margin-left:25px;  
background-color:#f1c40f;  
  
}  
  
</style>  
  
</html>   
  
  
  
  
  
  
  
  
  
Updated MemeChat.html  
  
<html>  
<head>  
<title> ChatSystem</title>  
<script src="<https://code.jquery.com/jquery-latest.min.js>"></script>  
<script src="/[socket.io/socket.io.js](http://socket.io/socket.io.js)"></script>  
</head>  
  
<body>  
  
<div id="memechat"> <p id="p">ChatSystem </p><p id="pr">By Anikit</p></div>   
<br>  
<br>  
<div id="holder">  
<form id="messageForm">  
  
  
<input type="text" id="messageInput" placeholder="Type..."/>  
<button type="submit" id="btn" onclick="hidel()"> Send </button>  
  
</form>  
  
<div class="chat" id="chat" style="overflow-y:scroll; height:450px;">  
  
  
<div id="messageBox">  
  
</div>  
</div>  
  
  
  
</div>  
<button type="submit" id="btn1" onclick="showl()"> Show All </button>  
<div id="people" style="overflow-y:scroll; height:450px;">  
</body>  
  
  
  
  
  
  
<script>  
var socket = io.connect(); //connects to socket  
  
$(function(){  
var $people = $("#people");  
  
var $messageForm = $("#messageForm"); //ref to the div message form  
var $messageInput = $("#messageInput"); //ref to input box with id message  
var $chat = $("#chat"); //ref to div chat  
  
$messageForm.submit(function(e){  
e.preventDefault();  
socket.emit("send meme message", $messageInput.val());  
$messageInput.val("");  
  
  
});  
socket.on("new meme message", function(data){  
  
  
if(data.msg.length > 0){  
$chat.append('<br>' +'<div id="circle"> ' + '<textarea id="t" readonly>' + data.msg + '</textarea>'+' </div>' + '<br>' );  
  
}  
});  
  
socket.on("new memer", function(data){  
  
$people.append('<br>' +'<div id="circle1"> ' + ' </div>' + '<br>' );  
  
});  
  
socket.on("memer left", function(data){  
  
  
$("#circle1").remove();  
  
  
});  
});  
  
  
  
  
  
  
showlog = false;  
window.setInterval(function() {  
if(showlog == false){  
var chat = document.getElementById("chat");  
chat.scrollTop = chat.scrollHeight;  
  
var people = document.getElementById("people");  
people.scrollTop = people.scrollHeight;  
}  
}, 4);  
  
function showl(){  
showlog = true;  
  
}  
function hidel(){  
var chat = document.getElementById("chat");  
chat.scrollTop = chat.scrollHeight;  
var people = document.getElementById("people");  
people.scrollTop = people.scrollHeight;  
showlog = false;  
}  
  
  
  
  
  
  
  
  
</script>  
  
  
  
  
  
  
  
  
  
<style>  
body{  
background-color:cornflowerblue;  
  
}  
#p{  
margin-top:9px;  
}  
#people{  
  
background-color:forestgreen;  
width:250px;  
height:440px;  
margin-left:767px;  
margin-top:-462px;  
border: 6px solid white;  
  
  
  
}  
#pr{  
font-size:12px;  
margin-top:-34px;  
margin-left: 82px;  
}  
#memechat{  
background-color:orangered;  
font-family: verdana;  
color:white;  
font-size: 30px;  
text-align:center;  
border: 2px solid white;  
border-radius:15px;  
width:190px;  
height:60px;  
  
}  
  
#btn{  
background-color: white;  
font-size:15px;  
font-family: Verdana;  
color:black;  
width:56px;  
height:51px;  
text-align: center;  
margin-left:0px;  
border-radius:10px;  
outline:none;  
border: 2px solid #e74c3c;  
  
}  
#btn1{  
background-color: white;  
font-size:15px;  
font-family: Verdana;  
color:black;  
width:100px;  
height:40px;  
text-align: center;  
margin-left:1040px;  
margin-top: -40px;  
border-radius:10px;  
outline:none;  
border: 2px solid #e74c3c;  
  
}  
#messageInput{  
margin-left: 532px;  
text-align:center;  
border-radius:10px;  
outline:none;  
shadow:none;  
font-size:15px;  
font-family: Verdana;  
color:black;  
width:250px;  
height:50px;  
}  
  
  
#t {  
text-align:left;  
font-size:15px;  
font-family: Verdana;  
color:black;  
border: 2px solid #f1c40f;  
margin-top: -5px;  
margin-left: 72px;  
width:200px;  
height:90px;  
background-color:white;  
border-radius:12px;  
resize: none;  
outline: none;  
  
}  
#chat{  
  
border: 6px solid white;  
width:459px;  
background-color:whitesmoke;  
margin:auto;  
border-radius: 10px;  
margin-left:300px;  
}  
  
::-webkit-scrollbar {   
display: none;  
}  
#circle{  
width:50px;  
height:50px;  
border-radius:100px;  
border: 5px solid white;  
margin-left:25px;  
background-color:#f1c40f;  
  
}  
#circle1{  
width:50px;  
height:50px;  
border-radius:100px;  
border: 5px solid white;  
margin-left:25px;  
background-color:#3498db;  
  
}  
  
</style>  
  
</html>   
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
Updated memeserver.js  
  
//How to make a meme server courtesy of RhymBil  
  
var express = require("express");   
var app = express();  
var server = require("http").createServer(app);  
var io = require("[socket.io](http://socket.io/)").listen(server);  
//setting the required variables  
  
memers = []; //users array  
memeConnections = []; //connections array  
  
server.listen(process.env.PORT || 2020); // It will run on localhost:(any number)  
console.log("Meme Server Is Up");  
  
app.get("/", function(req, res){  
  
res.sendFile(\_\_dirname + "/memeChattut.html"); //links to html file CHANGE /index.html to you actually html file  
  
});  
  
  
io.sockets.on("connection", function(socket){  
//connection stuff  
memeConnections.push(socket);   
io.sockets.emit("new memer"); //checks if anyone is online  
  
console.log("Memers connected: %s", memeConnections.length);  
  
  
  
  
// disconnection stuff  
socket.on("disconnect", function(data){  
  
memers.splice(memers.indexOf(socket.username), 1); //accessing the array memers  
  
io.sockets.emit("memer left"); //checks if memer left  
  
memeConnections.splice(memeConnections.indexOf(socket),1);  
console.log("Memers disconnected: %s ", memeConnections.length);  
});  
  
//send dem meme messages  
socket.on("send meme message", function(data){   
console.log(data);// shows what the memers typed in console  
io.sockets.emit("new meme message", {msg: data});  
  
  
});  
  
  
});