

```
<body>
```

```
  <form>
```

```
    <input type=text name=username id=username />
```

```
    <input type=password name=password id=password />
```

```
    <input type=text name=topic id=topic />
```

```
    <button id=connectButton onclick="connect(); return false;
```

```
    <button id=disconnectButton onclick="disconnect(); return
```

```
  </form>
```

```
  <pre id="pre"></pre>
```

```
  <script src="https://unpkg.com/mqtt/dist/mqtt.min.js"></script>
```

```
  <script src="index.js"></script>
```

```
</body>
```

```
function connect() {  
  client = mqtt.connect('wss://broker.shiftr.io',  
    username: username.value,  
    password: password.value  
  });  
  
  client.on('connect', function () {  
    client.subscribe(topic.value);  
  })  
  
  client.on('message', function (topic, message) {  
    console.log(topic, message.toString());  
    pre.innerText += '\n' + topic + '\t' + message;  
  })  
}
```