randompass.html

```
 1   <!DOCTYPE html>
 2   <html lang="en">
 3   <head>
 4       <meta charset="UTF-8">
 5       <meta name="viewport" content="width=device-width, initial-scale=1.0">
 6       <title>Random pass</title>
 7       <style>
 8           /* Center the div on the page */
 9           #buttonAndTextBox {
10               display: flex;
11               flex-direction: column;
12               align-items: center;
13               justify-content: center;
14               height: 20vh;
15               background-color: bisque;
16               border-radius: 30px;
17               border: 3em;
18               border-color: black;
19               }
20               #passwLength,
21           #summitPassLength {
22               width: 200px;
23               height: 40px;
24               margin: 5px; /* Adds some spacing between elements */
25               font-size: 16px; /* Ensures consistent text size */
26               box-sizing: border-box; /* Prevents padding from increasing the size */
27           }
28
29   /* Style input and button to have the same size */
30   #passwLength,
31   #summitPassLength {
32       width: 200px;
33       height: 40px;
34       margin: 5px; /* Adds some spacing between elements */
35       font-size: 16px; /* Ensures consistent text size */
36       box-sizing: border-box; /* Prevents padding from increasing the size */
37   }
38       </style>
39   </head>
40   <body>
41       <div id="buttonAndTextBox">
42           <input type="text" id="passwLength"><br>
43           <button id="summitPassLength">OK</button>
44       </div>
45       <br>
46       <input type="checkbox" id="incluLowerdecaseChar"> <label for="incluLowerdecaseChar">Lower case</label><br>
47       <input type="checkbox" id="incluUppercaseChar"> <label for="incluUppercaseChar">Upper case</label><br>
48       <input type="checkbox" id="incluNumberChar"> <label for="incluNumberChar">Number</label><br>
49       <input type="checkbox" id="incluSyembolChar"> <label for="incluSyembolChar">Syambol</label>
50
51       <p id="passwordRand"></p>
52
53       <script>
54           function generatePass(length, incluLowerdecase, incluUppercase, incluNumber, incluSyembol){
55               const incluLowerdecaseChar = "abcdefghijklmnopqrstuvwxyz";
56               const incluUppercaseChar = "ABCDEFGHIJKLMNOPQRSTUVWXYZ";
57               const incluNumberChar = "1234567890";
58               const incluSyembolChar = "~!@#$%^&*()_+=-";
59
60               let allowedChar = "";
61               let password = "";
62
63               allowedChar += incluLowerdecase? incluLowerdecaseChar : "";
64               allowedChar += incluUppercase? incluUppercaseChar : "";
65               allowedChar += incluNumber? incluNumberChar : "";
```

```
66            allowedChar += incluSyembol? incluSyembolChar : "";
67            //This is a ternary operator in JavaScript. The statement you provided essentially means:
68            //If incluLowerdecase is truthy, add its value to allowedChar.
69            // If incluLowerdecase is falsy (e.g., undefined, null, 0, false, or an empty string), do nothing.
70            //condition ? value_if_true : value_if_false;
71
72            if(length<= 0){
73                return "password mesti sekurang2 nya 1";
74            }else if(allowedChar.length === 0){
75                return "sekurang2 nya misti enable 1";
76            }else{
77                for(let i = 0; i < length ; i++){
78                    const randomIndex = Math.floor(Math.random()*allowedChar.length);
79                    //console.log(`random index is ${randomIndex}`);
80                    password += allowedChar[randomIndex];
81                }
82            }
83
84
85            return password;
86        }
87
88    document.getElementById("summitPassLength").onclick = function(){
89        const pasLength = document.getElementById("passwLength").value;
90        const incluLowerdecase = document.getElementById("incluLowerdecaseChar").checked;
91        const incluUppercase = document.getElementById("incluUppercaseChar").checked;
92        const incluNumber = document.getElementById("incluNumberChar").checked;
93        const incluSyembol = document.getElementById("incluSyembolChar").checked;
94        const password = generatePass(pasLength, incluLowerdecase, incluUppercase, incluNumber, incluSyembol);
95        console.log(`generated passwod is ${password}`);
96        document.getElementById("passwordRand").textContent = `random password adalah : ${password}`;
97    }
98
99
100
101    </script>
102 </body>
103 </html>
```