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K3521061 / Kelas A

**Labwork 7**

1. Membuat kalkulator sederhana yang dapat melakukan perhitungan (jumlah, kurang, kali, bagi) dari dua variable
2. <!DOCTYPE html>
3. <html>
4. <head>
5. <title>Kalkulator</title>
6. <link href="https://fonts.googleapis.com/css2?family=Montserrat:wght@300;400;500;600;700;800;900&family=Noto+Sans+JP&family=Nunito:wght@200;300;400&family=Ubuntu&display=swap" rel="stylesheet">
7. <style>
8. body{
9. background-image: url('https://i.pinimg.com/564x/a9/40/59/a94059d9f0c985f4d16a3af9d4937348.jpg');
10. background-size: cover;
11. }
12. .container {
13. font-family: 'Noto Sans JP', sans-serif;
14. height: 100vh;
15. display: flex;
16. justify-content: center;
17. align-items: center;
18. width: 100%;
19. }
20. form{
21. background-color: #F77E21;
22. width: 300px;
23. height: 350px;
24. padding: 24px;
25. display: flex;
26. justify-content: center;
27. align-items: center;
28. flex-direction: column;
29. gap: 16px;
30. border-radius: 12px;
31. }
32. .button{
33. display: flex;
34. gap: 10px;
35. justify-content: space-between;
36. }
37. button,input {
38. font-size: 16px;
39. padding: 4px 8px;
40. width: 100%;
41. }
42. </style>
43. </head>
44. <body>
45. <div class="container">
46. <form class="form">
47. <h1>Kalkulator</h1>
48. <input type="number" name="number1" id="number1" placeholder="0">
49. <input type="number" name="number2" id="number2" placeholder="0">
50. <div class="button">
51. <button type="button" onclick="tambah()">+</button>
52. <button type="button" onclick="kurang()">-</button>
53. <button type="button" onclick="kali()">\*</button>
54. <button type="button" onclick="bagi()">/</button>
55. <button onclick="reset()">Clear</button>
56. </div>
57. <input type="text" name="result" id="result" disabled>
58. </form>
59. </div>
60. <script>
61. function getValue() {
62. let a = document.querySelector('#number1').value;
63. let b = document.querySelector('#number2').value;
64. if (a == '') {
65. a = 0;
66. } else if (b == '') {
67. b = 0;
68. }
69. return [a, b];
70. }
71. function tambah() {
72. let values = getValue();
73. let x = (parseFloat(values[0]) + parseFloat(values[1]));
74. if (x !== x) {
75. console.log('0');
76. document.getElementById('result').value = 0;
77. } else {
78. console.log(x);
79. document.getElementById('result').value = x;
80. }
81. }
82. function kurang() {
83. let values = getValue();
84. let x = (parseFloat(values[0]) - parseFloat(values[1]));
85. if (x !== x) {
86. console.log('0');
87. document.getElementById('result').value = 0;
88. } else {
89. console.log(x);
90. document.getElementById('result').value = x;
91. }
92. }
93. function kali() {
94. let values = getValue();
95. let x = (parseFloat(values[0]) \* parseFloat(values[1]));
96. if (x !== x) {
97. console.log('0');
98. document.getElementById('result').value = 0;
99. } else {
100. console.log(x);
101. document.getElementById('result').value = x;
102. }
103. }
104. function bagi() {
105. let values = getValue();
106. let x = (parseFloat(values[0]) / parseFloat(values[1]));
107. if (parseFloat(values[1]) == 0 || values[1] == '') {
108. document.getElementById('result').value = '~';
109. } else {
110. if (x !== x) {
111. document.getElementById('result').value = 0;
112. } else {
113. console.log(x);
114. document.getElementById('result').value = x;
115. }
116. }
117. }
118. function reset() {
119. console.clear();
120. }
121. </script>
122. </body>
123. </html>
124. Membuat halaman yang dapat meng-highlight tulisan tertentu ketika click tombol, dan akan kembali seperti semula jika tombol kembali diclick
125. <!DOCTYPE html>
126. <html>
127. <head>
128. <meta name="viewport" content="width=device-width, initial-scale=1.0">
129. <title>Highlight Tulisan</title>
130. <style>
131. .sorot.a {
132. background-color: yellow;
133. color: red;
134. font-weight: 800;
135. }
136. </style>
137. </head>
138. <body>
139. <h1>PTIK FKIP UNS</h1>
140. <p>The <span class="sorot">Faculty of Teacher Training and Education, Sebelas Maret University</span>,
141. Surakarta is an Educational Personnel <span class="sorot">Education Institution (LPTK)</span> which has 24 study programs in 6 majors.
142. Each study program has its own characteristics in producing <span class="sorot">superior, strong and intelligent educational staff.</span>
143. </p>
144. <p>
145. The <span class="sorot"> Informatics and Computer Technology Education (PTIK) </span> study program is planned to take shelter in the
146. management of the <span class="sorot"> Engineering and Vocational Education (PTK)</span> department. This placement revises our previous
147. statement, where the PTIK study program is under the P.MIPA department. PTIK is a study program that will produce graduates who are
148. <span class="sorot"> prioritized to teach in vocational/vocational programs </span>. So, it would be better if PTIK
149. was under the PTK department which oversees vocational programs such as <span class="sorot"> Building Engineering Education </span>, and
150. <span class="sorot"> Mechanical Engineering Education</span>. To meet the needs of lecturers in the field of information technology that
151. cannot be met by the PTK department, PTIK will conduct <span class="sorot"> resource sharing with the mathematics study program</span>.
152. </p>
153. <button onclick="Sorot()">Highlight Paragraf</button>
154. <script>
155. const sorot = document.querySelectorAll('.sorot');
156. function Sorot() {
157. sorot.forEach( (item) => {
158. if(item.classList.contains('a')) {
159. item.classList.remove('a')
160. } else {
161. item.classList.add('a')
162. }
163. })
164. };
165. </script>
166. </body>
167. </html>