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3rd Year Section B (B1)

Practical 9 Final Task(JavaScript)

```html
practical9.html > html
1   <html>
2   <head>
3   <title>Personal Dashboard</title>
4   <style>
5   body {
6     font-family: Verdana, sans-serif;
7     transition: all 0.4s ease;
8     text-align: center;
9     padding: 20px;
10  }
11  .dark { background-color: #121212; color: white; }
12  .light { background-color: #ffffff; color: black; }
13  #controls button, select {
14    margin: 6px;
15    padding: 8px 14px;
16    border: none;
17    border-radius: 5px;
18    cursor: pointer;
19  }
20  </style>
21  </head>
22  <body>
23  <h1 id="welcomeText">Welcome!</h1>
24
25  <div id="controls">
26    <input type="text" id="userName" placeholder="Enter your name">
27    <button id="saveUser">Save Name</button>
28    <button id="themeBtn">Switch Theme</button>
29    <select id="fontChooser">
30      <option value="small">Small</option>
31      <option value="medium">Medium</option>
32      <option value="large">Large</option>
33    </select>
34    <button id="resetBtn">Reset Preferences</button>
35  </div>
```

```html
36
37    <p id="tabCounter"></p>
38
39    <h3>Feedback</h3>
40    <textarea id="feedback" rows="5" cols="40" placeholder="Your feedback..."></textarea>
41
42    <script>
43    let themeNow = localStorage.getItem("theme");
44    if (!themeNow) themeNow = "light";
45    document.body.classList.add(themeNow);
46
47    document.getElementById("themeBtn").onclick = function () {
48      let nextTheme = document.body.classList.contains("light") ? "dark" : "light";
49      document.body.className = nextTheme;
50      localStorage.setItem("theme", nextTheme);
51    };
52
53    const fontMap = { small: "14px", medium: "18px", large: "22px" };
54    const fSelect = document.getElementById("fontChooser");
55
56    fSelect.onchange = function () {
57      let f = fSelect.value;
58      document.body.style.fontSize = fontMap[f];
59      localStorage.setItem("fontSizePref", f);
60    };
61
62    let storedFont = localStorage.getItem("fontSizePref");
63    if (storedFont) {
64      document.body.style.fontSize = fontMap[storedFont];
65      fSelect.value = storedFont;
66    }
67
68    document.getElementById("saveUser").onclick = function () {
69      let user = document.getElementById("userName").value.trim();
70      if (user !== "") {
```

```
71        localStorage.setItem("username", user);
72        document.getElementById("welcomeText").innerText = "Welcome, " + user;
73        document.getElementById("userName").value = "";
74      }
75    };
76
77    let savedUser = localStorage.getItem("username");
78    if (savedUser) {
79      document.getElementById("welcomeText").innerText = "Welcome, " + savedUser;
80    }
81
82    let count = Number(sessionStorage.getItem("visits")) || 0;
83    count++;
84    sessionStorage.setItem("visits", count);
85    document.getElementById("tabCounter").innerHTML =
86      `This tab has been refreshed ${count} time${count > 1 ? "s" : ""}.`;
87
88    const fb = document.getElementById("feedback");
89    let savedFb = sessionStorage.getItem("feedbackText");
90    if (savedFb) fb.value = savedFb;
91
92    fb.addEventListener("keyup", () => {
93      sessionStorage.setItem("feedbackText", fb.value);
94    });
95
96    document.getElementById("resetBtn").onclick = function () {
97      localStorage.clear();
98      location.reload();
99    };
100    </script>
101    </body>
102    </html>
```

Welcome!

| Mukund | Save Name | Switch Theme | Small ⌄ | Reset Preferences |

This tab has been refreshed 2 times.

Feedback

```
good
```

Welcome!

Mukund | Save Name | Switch Theme | Medium ⌄ | Reset Preferences

This tab has been refreshed 2 times.

Feedback

good

Welcome, Mukund

Mukund | Save Name | Switch Theme | Large ⌄ | Reset Preferences

This tab has been refreshed 3 times.

Feedback

good