

Name: Mukund Kuthe

3rd Year Section B (B1)

Practical 7 (JavaScript)


4. Virtual Coin Toss Game

- I. Click a button → randomly show “Heads” or “Tails” (with emoji 🍀).
- II. Keep track of total wins for each side.
- III. DOM Skills: Math.random(), createElement, appendChild.

```
<> practical7.html > html > body > script > toss
1  <!DOCTYPE html>
2  <html>
3  <body>
4    <h2>Coin Toss 🍀</h2>
5
6    <button onclick="toss()">Toss</button>
7
8    <p id="result"></p>
9    <p id="heads">Heads: 0</p>
10   <p id="tails">Tails: 0</p>
11
12   <script>
13     let h = 0, t = 0;
14     function toss() {
15       let r = Math.random() < 0.5 ? "Heads" : "Tails";
16
17       let res = document.createElement("p");
18       res.textContent = "🍀 " + r;
19
20       let resultDiv = document.getElementById("result");
21       resultDiv.innerHTML = "";
22       resultDiv.appendChild(res);
23
24       if (r === "Heads") {
25         h++;
26         document.getElementById("heads").innerHTML = "Heads: " + h;
27       } else {
28         t++;
29         document.getElementById("tails").innerHTML = "Tails: " + t;
30       }
31     }
32   </script>
33 </body>
34 </html>
35
```

Coin Toss

Toss

 Heads

Heads: 5

Tails: 2