

```

1 var headsCount = 0;
2 var tailsCount = 0;
3 var wins = 0;
4 var losses = 0;
5
6 function flipThatCoin(result) {
7     // STEP ONE:
8     // Declare and initialize a variable named randomNumber to either 0 or 1. Make it
    random.
9     var randomNumber = Math.floor(Math.random() * 2);
10
11     // STEP TWO:
12     // If randomNumber is equal to zero then:
13     // Find the div with an id of coin-image.
14     // Replace it's html with an img tag containing this image:
15     // http://random-ize.com/coin-flip/us-quarter/us-quarter-front.jpg
16
17     if (randomNumber === 0) {
18         $("#coin-image").html(
19             "<img src='http://random-ize.com/coin-flip/us-quarter/us-quarter-front.jpg' />"
20         );
21     }
22
23     // Else
24     // Find the div with an id of coin-image.
25     // Replace it's html with an img tag containing this image:
26     // http://random-ize.com/coin-flip/us-quarter/us-quarter-back.jpg
27     else {
28         $("#coin-image").html(
29             "<img src='http://random-ize.com/coin-flip/us-quarter/us-quarter-back.jpg' />"
30         );
31     }
32
33     // STEP THREE:
34     // If result is equal to randomNumber, do the following:
35     // Increment wins by one.
36     // Find the div with an id of win-lose. Update it with an h2 of "Winner!"
37     // Find the div with an id of wins. Update it with the value of the wins variable.
38
39     if (result === randomNumber) {
40         wins++;
41         $("#win-lose").html("<h2>Winner!</h2>");
42         $("#wins").html("<h3>" + wins + "</h3>");
43     }
44
45     // Else:
46     // Increment losses by one.
47     // Find the div with an id of win-lose. Update it with an h2 of "Loser!"
48     // Find the div with an id of losses. Update it with the value of the losses
    variable.
49     else {
50         losses++;
51         $("#win-lose").html("<h2>Loser!</h2>");
52         $("#losses").html("<h3>" + losses + "</h3>");
53     }
54 }
55
56 $("#heads").on("click", function() {
57     headsCount++;
58     $("#heads-chosen").text(headsCount);

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59     $("#guess").html("<b>Heads</b>");
60     flipThatCoin(0);
61 });
62
63 // STEP FOUR:
64 // Increment tailsCount by one.
65 // Find the span with an id of tails-chosen. Replace the html inside of the span
66 // with the tailsCount.
67 // Find the div with an id of guess. Update it with the word "Tails" bolded.
68 // Call the flipThatCoin function and pass value 1 into it.
69 $("#tails").on("click", function() {
70     tailsCount++;
71     $("#tails-chosen").text(tailsCount);
72     $("#guess").html("<b>Tails</b>");
73     flipThatCoin(1);
74 });
75
```