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1 // The keys and notes variables store the piano keys
2 const keys = ['c-key', 'd-key', 'e-key', 'f-key', 'g-key', 'a-key', 'b-key', 'high-c-key', 'c-sharp-key', 'd-sharp-key', 'f-sharp-key',
3 'g-sharp-key', 'a-sharp-key'];
4 const notes = [];
5 keys.forEach(function(key){
6   notes.push(document.getElementById(key));
7 })
8 // Write named functions that change the color of the keys below
9 const keyPlay = function(event) {
10   event.target.style.backgroundColor = 'lightblue';
11 }
12 const keyReturn = function(event) {
13   event.target.style.backgroundColor = '';
14 }
15 // Write a named function with event handler properties
16 const eventHandler = function(note) {
17   note.onmousedown = function() {
18     keyPlay(event);
19   }
20   note.onmouseup = function() {
21     keyReturn(event);
22   }
23 }
24 // Write a loop that runs the array elements through the function
25 notes.forEach(eventHandler);
26 // These variables store the buttons that progress the user through the lyrics
27 let nextOne = document.getElementById('first-next-line');
28 let nextTwo = document.getElementById('second-next-line');
29 let nextThree = document.getElementById('third-next-line');
30 let startOver = document.getElementById('fourth-next-line');
31 // This variable stores the '-END' lyric element
32 let lastLyric = document.getElementById('column-optional');
33 // These statements are "hiding" all the progress buttons, but the first one
34 nextTwo.hidden = true;
35 nextThree.hidden = true;
36 startOver.hidden = true;
37 // Write anonymous event handler property and function for the first progress button
38 nextOne.onclick = function() {
39   nextTwo.hidden = false;
40   nextOne.hidden = true;
41   document.getElementById('letter-note-five').innerHTML = 'D';
42   document.getElementById('letter-note-six').innerHTML = 'C';
43 }

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44 // Write anonymous event handler property and function for the second progress button
45 nextTwo.onclick = function() {
46     nextThree.hidden = false;
47     nextTwo.hidden = true;
48     document.getElementById('word-five').innerHTML = 'DEAR';
49     document.getElementById('word-six').innerHTML = 'FRI-';
50     lastLyric.style.display = 'inline-block';
51     document.getElementById('letter-note-three').innerHTML = 'G';
52     document.getElementById('letter-note-four').innerHTML = 'E';
53     document.getElementById('letter-note-five').innerHTML = 'C';
54     document.getElementById('letter-note-six').innerHTML = 'B';
55 }
56 // Write anonymous event handler property and function for the third progress button
57 nextThree.onclick = function() {
58     nextThree.hidden = false;
59     startOver.hidden = true;
60     document.getElementById('word-one').innerHTML = 'HAP-';
61     document.getElementById('word-two').innerHTML = 'PY';
62     document.getElementById('word-three').innerHTML = 'BIRTH';
63     document.getElementById('word-four').innerHTML = 'DAY';
64     document.getElementById('word-five').innerHTML = 'TO';
65     document.getElementById('word-six').innerHTML = 'YOU';
66     document.getElementById('letter-note-one').innerHTML = 'F';
67     document.getElementById('letter-note-two').innerHTML = 'F';
68     document.getElementById('letter-note-three').innerHTML = 'E';
69     document.getElementById('letter-note-four').innerHTML = 'C';
70     document.getElementById('letter-note-five').innerHTML = 'D';
71     document.getElementById('letter-note-six').innerHTML = 'C';
72     lastLyric.style.display = 'none';
73 }
74 // This is the event handler property and function for the startOver button
75 startOver.onclick = function() {
76     nextOne.hidden = false;
77     startOver.hidden = true;
78     document.getElementById('word-one').innerHTML = 'HAP-';
79     document.getElementById('letter-note-one').innerHTML = 'G';
80     document.getElementById('word-two').innerHTML = 'PY';
81     document.getElementById('letter-note-two').innerHTML = 'G';
82     document.getElementById('word-three').innerHTML = 'BIRTH-';
83     document.getElementById('letter-note-three').innerHTML = 'A';
84     document.getElementById('word-four').innerHTML = 'DAY';
85     document.getElementById('letter-note-four').innerHTML = 'G';
86     document.getElementById('word-five').innerHTML = 'TO';
87     document.getElementById('letter-note-five').innerHTML = 'C';
88     document.getElementById('word-six').innerHTML = 'YOU!';
89     document.getElementById('letter-note-six').innerHTML = 'B';
90 }

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