

Solution: Song selection

Here's the completed App.js file:

```
1  import React from "react";
2
3  function App() {
4
5      const bird1 = new Audio(
6          "https://upload.wikimedia.org/wikipedia/commons/9/9b/Hydroprogne_caspia_-_Caspian_Tern_XC432679.r
7      );
8
9      const bird2 = new Audio(
10         "https://upload.wikimedia.org/wikipedia/commons/b/b5/Hydroprogne_caspia_-_Caspian_Tern_XC432881.r
11     );
12
13     function toggle1() {
14         if (bird1.paused) {
15             bird1.play();
16         } else {
17             bird1.pause();
18         }
19     };
20
21     function toggle2() {
22         if (bird2.paused) {
23             bird2.play();
24         } else {
25             bird2.pause();
26         }
27     };
28
29     return (
30         <div>
31             <button onClick={toggle1}>Caspian Tern 1</button>
32             <button onClick={toggle2}>Caspian Tern 2</button>
33         </div>
34     );
35 }
36
37 export default App;
```

Here is the output from the solution code for the App.js file:

Caspian Tern 1 Caspian Tern 2

Step 1

In this ungraded lab, your goal was to read through the existing code of the App.js file, and update the second button so that it's running the `toggle2` function on a click to the second button.

```
1  import React from "react";
2
3  function App() {
4
5      const bird1 = new Audio(
6          "https://upload.wikimedia.org/wikipedia/commons/9/9b/Hydroprogne_caspia_-_Caspian_Tern_XC432679.r
7      );
8
9      // const bird2 = new Audio(
10     //     "https://upload.wikimedia.org/wikipedia/commons/b/b5/Hydroprogne_caspia_-_Caspian_Tern_XC43281.r
11     // );
12
13     function toggle1() {
14         if (bird1.paused) {
15             bird1.play();
16         } else {
17             bird1.pause();
18         }
19     };
20
21     return (
22         <div>
23             <button onClick={toggle1}>Caspian Tern 1</button>
24             <button onClick={toggle2}>Caspian Tern 2</button>
25         </div>
26     );
27 }
28
29 export default App;
30
```

Step 2

After adding the `toggle2` function to the JSX expression in the second button's `onClick` event-handling attribute, you should have un-commented the `bird2` variable on lines 9 to 11.

```
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7      );
8
9      const bird2 = new Audio(
10         "https://upload.wikimedia.org/wikipedia/commons/b/b5/Hydroprogne_caspia_-_Caspian_Tern_XC43281.r
11     );
12
13     function toggle1() {
14         if (bird1.paused) {
15             bird1.play();
16         } else {
17             bird1.pause();
18         }
19     };
20
21     return (
22         <div>
23             <button onClick={toggle1}>Caspian Tern 1</button>
24             <button onClick={toggle2}>Caspian Tern 2</button>
25         </div>
26     );
27 }
28
29 export default App;
30
```

```

18   |   }
19   |   };
20
21   return (
22     <div>
23       <button onClick={toggle1}>Caspian Tern 1</button>
24       <button onClick={toggle2}>Caspian Tern 2</button>
25     </div>
26   );
27 }
28
29 export default App;
30

```

Step 3

Next, you needed to define the `toggle2` function: it should have had the exact same functionality as the `toggle1` function, but it needed to work with the `bird2` variable (instead of the `bird1` variable as it did in the `toggle1` function).

```

1  import React from "react";
2
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4
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6      "https://upload.wikimedia.org/wikipedia/commons/9/9b/Hydroprogne_caspia_-_Caspian_Tern_XC432679.r
7    );
8
9    const bird2 = new Audio(
10     "https://upload.wikimedia.org/wikipedia/commons/b/b5/Hydroprogne_caspia_-_Caspian_Tern_XC432881.r
11   );
12
13   function toggle1() {
14     if (bird1.paused) {
15       bird1.play();
16     } else {
17       bird1.pause();
18     }
19   };
20
21   function toggle2() {
22     if (bird2.paused) {
23       bird2.play();
24     } else {
25       bird2.pause();
26     }
27   };
28
29   return (
30     <div>
31       <button onClick={toggle1}>Caspian Tern 1</button>
32       <button onClick={toggle2}>Caspian Tern 2</button>
33     </div>
34   );
35 }
36
37 export default App;

```

