Ex 8 - Keeping Components Pure

Challenge 1 :

Clock.js   ↻ Reset ⤢ Fork

```
1  export default function Clock({ time }) {
2    let hours = time.getHours();
3    let timeClass;
4    if (hours >= 0 && hours <= 6) {
5      timeClass = 'night';
6    } else {
7      timeClass = 'day';
8    }
9    return (
10     <h1 className={timeClass}>
11       {time.toLocaleTimeString()}
12     </h1>
13   );
14 }
15
```
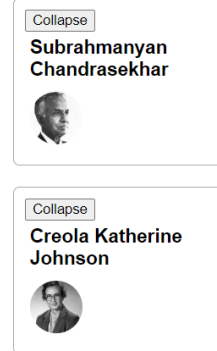
16:46:25

Challenge 2 :

Two `Profile` components are rendered side by side with different data. Press "Collapse" on the first profile, and then "Expand" it. You'll notice that both profiles now show the same person. This is a bug.

Find the cause of the bug and fix it.

Profile.js   App.js   ↺ Reset ⤢ Fork

```
1  import Panel from './Panel.js';
2  import { getImageUrl } from './utils.js';
3
4
5  export default function Profile({ person }) {
6    return (
7      <Panel>
8        <Header person={person}/>
9        <Avatar person={person}/>
10     </Panel>
11   )
12 }
13
14 function Header({ person }) {
15   return <h1>{person.name}</h1>;
16 }
17
18 function Avatar({ person }) {
19   return (
20     <img
21       className="avatar"
22       src={getImageUrl(person)}
23       alt={person.name}
24       width={50}
25       height={50}
26     />
27   );
28 }
```

| Collapse |
| **Subrahmanyan Chandrasekhar** |

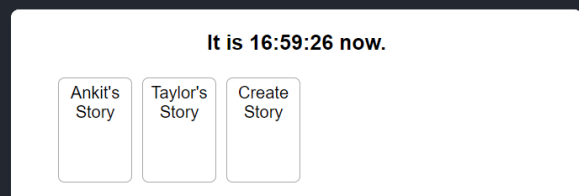| Collapse |
| **Creola Katherine Johnson** |

Challenge 3 :

The CEO of your company is asking you to add "stories" to your online clock app, and you can't say no. You've written a `StoryTray` component that accepts a list of `stories`, followed by a "Create Story" placeholder.

You implemented the "Create Story" placeholder by pushing one more fake story at the end of the `stories` array that you receive as a prop. But for some reason, "Create Story" appears more than once. Fix the issue.

StoryTray.js   ↺ Reset ⤢ Fork

```
1  export default function StoryTray({ stories }) {
2    return (
3      <ul>
4        {stories.map(story => (
5          <li key={story.id}>
6            {story.label}
7          </li>
8        ))}
9        <li>Create Story</li>
10     </ul>
11   );
12 }
13
```

It is 16:59:26 now.

| Ankit's Story | Taylor's Story | Create Story |

⌃ Show less