Before you start:

Install eslint support in VS code if you are using VS code. This help fixing coding style.

Install nodejs package manager to get start with our project

Walk through mission with the standard Reactjs.

Detail: Create a self-Introduction popup card with component.

Step 1: go to src folder, find the options folder in components/TopSpace/Options

Create a new folder named RampUpTest and a javascript file index.js inside.

```
components > TopSpace > Options > RampUpTest > JS index.js
```

Template code for react component:

```
import React from 'react';


const RampUpTest = (props) => {
    return (
        <div>
            {
                //your content
            }
        </div>
    )

}

export default RampUpTest;
```

Then read component document about <SpringPop> component and import it.

```
import SpringPop from '../../../SpringPop'
```

In the div, use <SpringPop> to display your content

```
<SpringPop title='Your Name' type='display' >
    Your content
</SpringPop>
```

Usage of hooks:

useState: Official doc https://reactjs.org/docs/hooks-state.html

useEffect: Official doc https://reactjs.org/docs/hooks-effect.html

Now create a button to control whether the SpringPop works:

Use our <ToggleButton> component

First is to import it:

```
import ToggleButton from '../../../ToggleButton'
```

Example usage

```
<ToggleButton size='small' color='inherit' onClick={handleClick}>
    {
        //button content
    }
</ToggleButton>
```

```
//use hooks to set state
const [dis,setDis] = useState(false);
const handleClick = () => {
    //handle click
}
```

Create state and handle it within handleClick function

```
1    import React from 'react';
2    import { useState } from 'react'
3    import SpringPop from '../../../SpringPop'
4    import ToggleButton from '../../../ToggleButton'
5
6    const RampUpTest = (props) => {
7        //use hooks to set state
8        const [dis,setDis] = useState(false);
9        const handleClick = () => {
10           //handle click
11       }
12       return (
13
14           <>
15               <ToggleButton size='small' color='inherit' onClick={handleClick}>
16                   {
17                       //button content
18                   }
19               </ToggleButton>
20               <SpringPop title='Your Name' type='display' disable={dis} >
21                   {
22                       //your content
23                   }
24               </SpringPop>
25           </>
26       )
27
28
29   }
30
31   export default RampUpTest;
```

Complete template code

Now try to display it:

Go to Options/index.js

```
import Ramp from '../Options/RampUpTest'
```

Import your RampUpTest component

```
<div className={styles.itemwrapper}>
    <Ramp />
</div>
```

Put this after the instruction part, inside 'else' statement.

Now just npm start to see whats going on:

OFF [YOUR NAME]

Worked! But looking rough, just a few more steps for styling:

1. Go to your rampuptest index.js file, add variant outlined to your ToggleButton and change size to medium to match up with SpirngPop:

```
<ToggleButton variant='outlined' size='medium' color='inherit' onClick={handleClick}>
```

2. Create index.module.css file in RampUpTest folder.

   Anything more on css module please read components document or see official doc online.

   Use div as wrapper of the component

```
return (

    <div className={styl  import styles
        <div className={styles.button}>
            <ToggleButton variant='outlined' size='medium' color='inherit' onClick={handleClick}>
                {
                    //...
                }
            </ToggleButton>
        </div>

        <div className={styles.spring}>
            <SpringPop title='Your Name' type='display' disable={dis} >
                {
                    //...
                }
            </SpringPop>
        </div>

    </div>
)
```

   And modify css file with flex box model

   https://www.w3schools.com/css/css3_flexbox.asp

```css
.wrapper{
    display: flex;
    justify-content: space-between;
}
.button {
    display: flex;
    margin-left: 10px;}
.spring {
    display: flex;
    margin-right: 10px;

}
```

Css example.

Now you should see a style-wise match up button pairs and congratulations.

Now one last thing:

This test is no need to upload to master branch of our github. You can upload it to your own branch or not upload at all. To prevent accidently upload it, you could edit .gitignore file as below:

```
#ramp up test
/src/components/TopSpace/Options/RampUpTest
```