

## Experiment No: 8

Develop a react js application to create a counter both increment & decrement using a class component

Step 1: Open terminal & Redixative specified path & enter the command `npm create-react-app counter`

```
import React from "React";
```

```
export default function Button (props) {
```

```
  let {action, title} = props;
```

```
  return <button onClick={action}>{title}</button>
```

```
}
```

Now go to App.js file

```
import React { useState } from "react";
```

```
import Button from: components / Button";
```

```
import "../assets/css/style.css";
```

```
export default function App() {
```

```
  const [count, set count] = useState(0);
```

```
  let increment count = () => {
```

```
    set count (count + 1);
```

```
  };
```

```
  return (
```

```
    <div class name = "app">
```

```
      <div>
```

```
        <div class = "count">
```

```
<h3> count : </h3>
```

```
<h1> </h1>
```

```
</div>
```

```
<div class="buttons">
```

```
<Button title="{0}" action="{decrement count}">
```

```
<Button title="{1}" action="{increment count}">
```

```
</div>
```

```
</div>
```

```
</div>
```

```
);
```

```
}
```

# style .css file

```
app {
```

```
display: flex;
```

```
flex-direction: row;
```

```
justify-content: center
```

```
margin-top: 10px;
```

```
}
```

```
app.count {
```

```
margin-bottom: 20px;
```

```
text-align: center;
```

```
display: flex;
```

```
margin-left: 10px;
```

```
}
```

```
app.buttons button {
```

```
width: 100px;
```

```
height: 100px;
```

```
border-radius: 50%;  
border: none;  
display: flex;  
margin: 0 20px;  
flex-direction: column;  
font-size: 1.5em;  
box-shadow: 0 4px 32px rgba(10, 14, 29,  
0.8px 64px);
```

```
rgba(10, 14, 29, 0.8);
```

```
cursor: pointer;
```

```
} app button button: hover {
```

```
font-size: 1em;
```

```
}
```

```
.app button button: focus {
```

```
outline: 0;
```

```
}
```

```
} * style.css;
```

```
body {
```

```
display: flex;
```

```
align-items: flex-start;
```

```
justify-content: center;
```

```
height: 100vh;
```

```
margin: 0;
```

```
}
```

```
.app {
```

```
text-align: center;
```

```
margin-top: 20px; 1x Adjust the top margin
```



```

} title: counter h3 {
  text-decoration: underline;
  display: inline-block; /* prevents the underline
    from extending full width */
}
count {
  margin-bottom: 20px;
}

```

Output :

COUNTER REACT APP

count 0

- +

COUNTER REACT APP

count 3

- +

COUNTER REACT APP

count : 2

- +

*Signature*  
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