

12.Extra Points about JSX and some tips

- In older react projects, in every component files they would have imported →
 - Import 'react' from React;
 - This is because every JSX code we return is not a html code, it is converted to html code behind the scene
 - It is converted using some methods of react library
 - So that's why we import react
 - But now in newer versions it is converted even if we don't import the library
 - But it is good practice to import it in every components file
- Now let us see how this is done behind the scene

```
return (  
  <div>  
    <h2>Let's get started!</h2>  
    <Expenses items={expenses} />  
  </div>  
)
```

- This code is converted using this

```
return React.createElement(  
  'div',  
  {},  
  React.createElement('h2', {}, "Let's get started!"),  
  React.createElement(Expenses, { items: expenses })  
)
```

- Here createElement method is from react library
- It takes in three arguments
 - 1.the name of the tag
 - 2. The attributes/props sent along with them
 - 3. Content that is wrapped inside that component or tag
- **We know that we can't return more than one element in the function of component but we can nest other elements inside it as many as we want, but we can return more than one element side by side**
 - **This is because, as we see, behind the scene this method is being called and while return we can't return more than one value**

Summary. JavaScript doesn't support functions that return multiple values. However, you can wrap multiple values into an array or an object and return the array or the object.