Getting Started with components

Monday, March 21, 2022   5:05 PM

```
1   import React from 'react';
2
3   const headerStyle={
4       backgroundColor:'black',
5       color:"red"
6   }
7
8   const component = <div style={headerStyle}>
9                   <h1>Book's Web</h1>
10                  <p>The World of books</p>
11                  <p>Time Now is {new Date().toLocaleTimeString()}</p>
12              </div>;
13
14  export default component;
```

React.createElement()

- Shuould import React in every file that has JSX

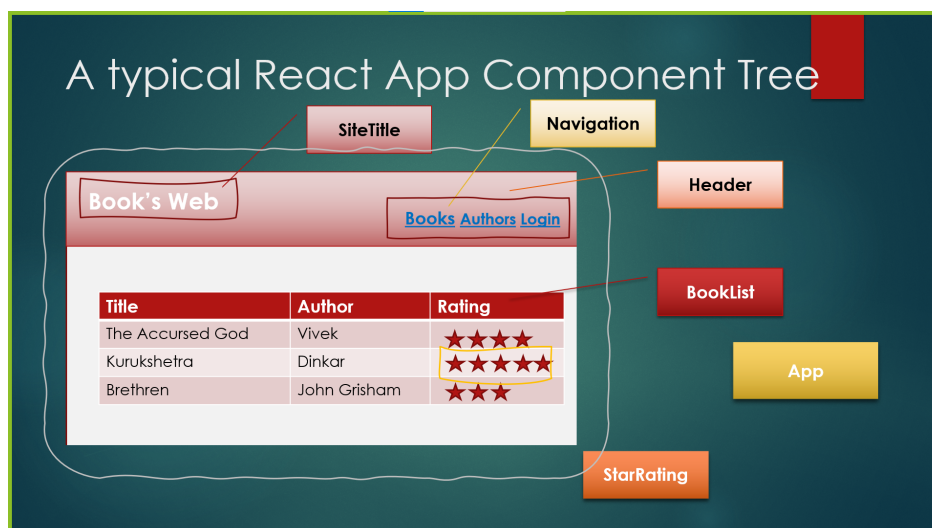- Can insert Javascript expression inside JSX using {}

What can we include?

- Any Javascript variable
- Javascript expression
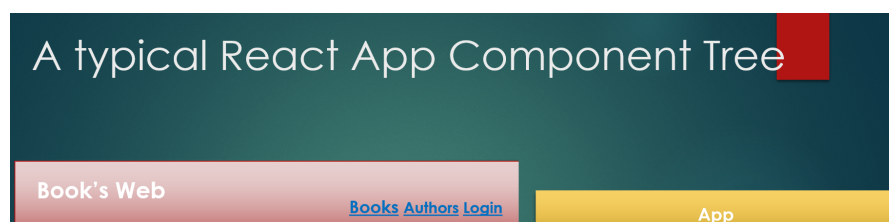- Method call
- Constructor call
- Lambda expression

What we can't include?

- Statements likes if/for/while
- Multiple lines that should be separate by comma
- Creation of a new function
  - Lamba expression is allowed

A Component Tree

Nested Component Design

Title	Author	Rating
The Accursed God	Vivek	★★★★
Kurukshetra	Dinkar	★★★★★
Brethren	John Grisham	★★★

Header

BookList

Navigation

SiteTitle

StarRating