React Fundamentals
Node Introduction

Develop Intelligence

A PLURALSIGHT COMPANY

Topics

- Day 1 Review

- JSX

- Node.js

- NPM

- Create React App

Node Introduction
Day 1 Review Discussion

Think, Discuss, and Share

What is a callback function?

Think, Discuss, and Share

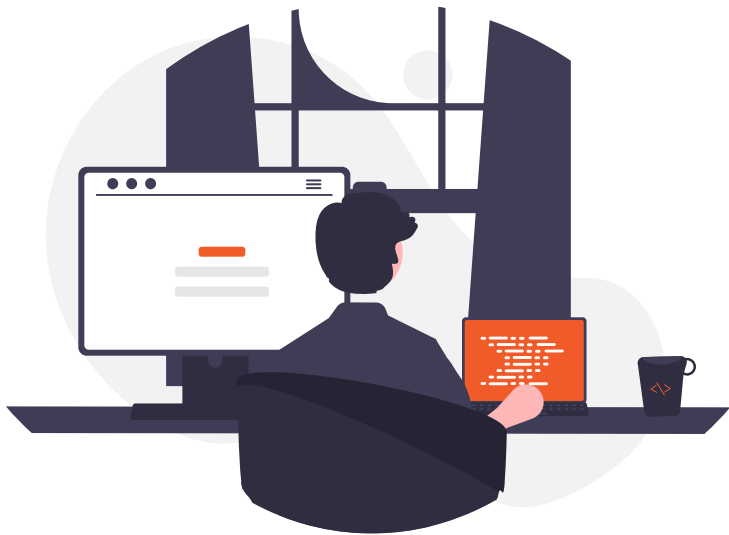# What are some of the benefits of React?
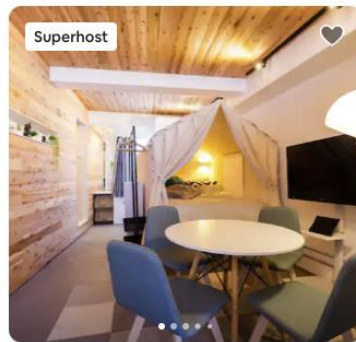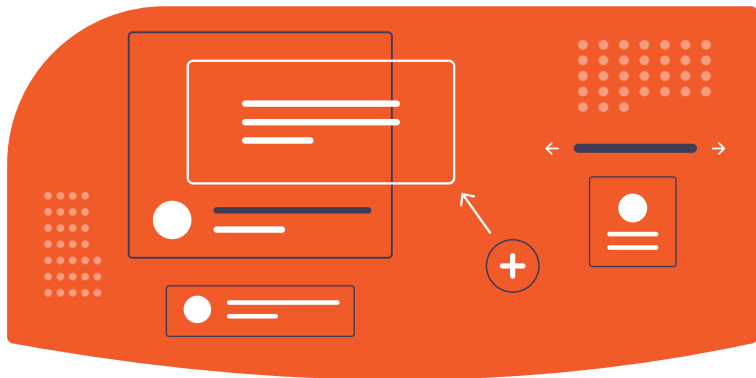
React Introduction

Getting Started with React

Getting Started with React

- Typically, developers will initialize new projects using a generator such Create React App

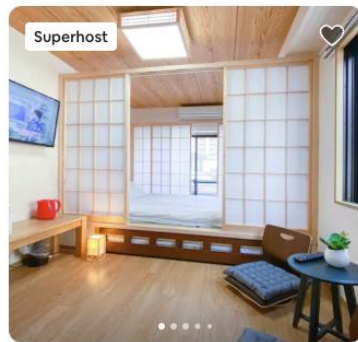- A minimum version of React can be added to an HTML page via CDN
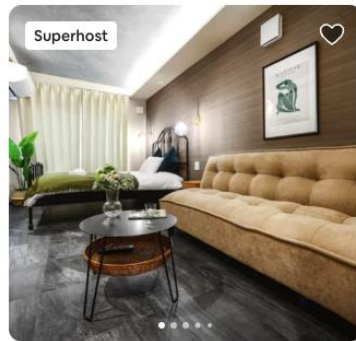
What's a Component?

- Encapsulated piece of code

- Responsible for rendering a specific portion of the page
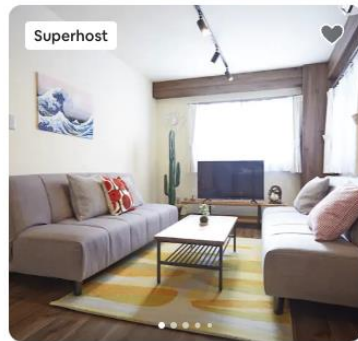
- Can contain other 'child' components rendered inside

Condo in Shinjuku City ★ 4.89 (9)
5F Gramping in Shinjyuku! 4pax 2xD ...
2 double beds
$90 night · $787 total

Apartment in Shinjuku City ★ 5.0 (6)
3 mins to Shinjuku Sta! Cozy Apt Fre...
2 beds
$91 night · $879 total

Hotel room in Minato City ★ 4.69 (16)
In Azabu- Perfect for couple& single...
2 beds
~~$89~~ **$80** night · $693 total

Apartment in Shibuya-ku ★ 4.92 (177)
Near Shinjuku Shibuya / Hokusai ...
2 double beds
$107 night · $1,069 total

JSX (JavaScript Syntax Extension)

- An HTML-like syntax for creating components

- Allows the use of embedded JS expressions

- Not included in base React library

- Not required, but recommended!

Node Introduction
What is Node.js?

What is Node.js?

- Node.js is a JavaScript runtime that executes JavaScript code outside the browser

- Is open source, and runs on most platforms (Windows, Linux, Unix, Mac OS)

- Can be used to develop entire full stack web applications using only JavaScript

- Check currently installed version with `node –v` command

Node Introduction
What is NPM?

What is NPM?

- NPM (Node Package Manager) is the default package manager for Node.js, included with installation

- Is a command line tool that can be used to install packages from the npm registry
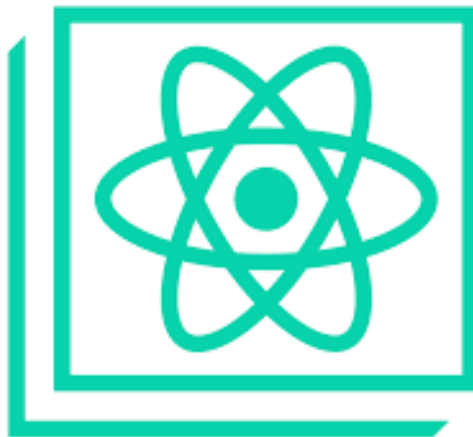
- Check currently installed version with `npm –v` command

Node Introduction
Create React App

What is Create React App

- Create React App is a command line tool for quickly generating new React applications pre-configured tools such as webpack and Babel

- Includes a development server useful for seeing local changes update to apps reflected in real time

Let's try it!