



JONAS SCHMEDTMANN

THE ULTIMATE REACT COURSE

 @JONASSCHMEDTMAN

SECTION

WORKING WITH COMPONENTS,
PROPS, AND JSX

LECTURE

COMPONENTS AS BUILDING
BLOCKS

COMPONENTS AS BUILDING BLOCKS

COMPONENTS

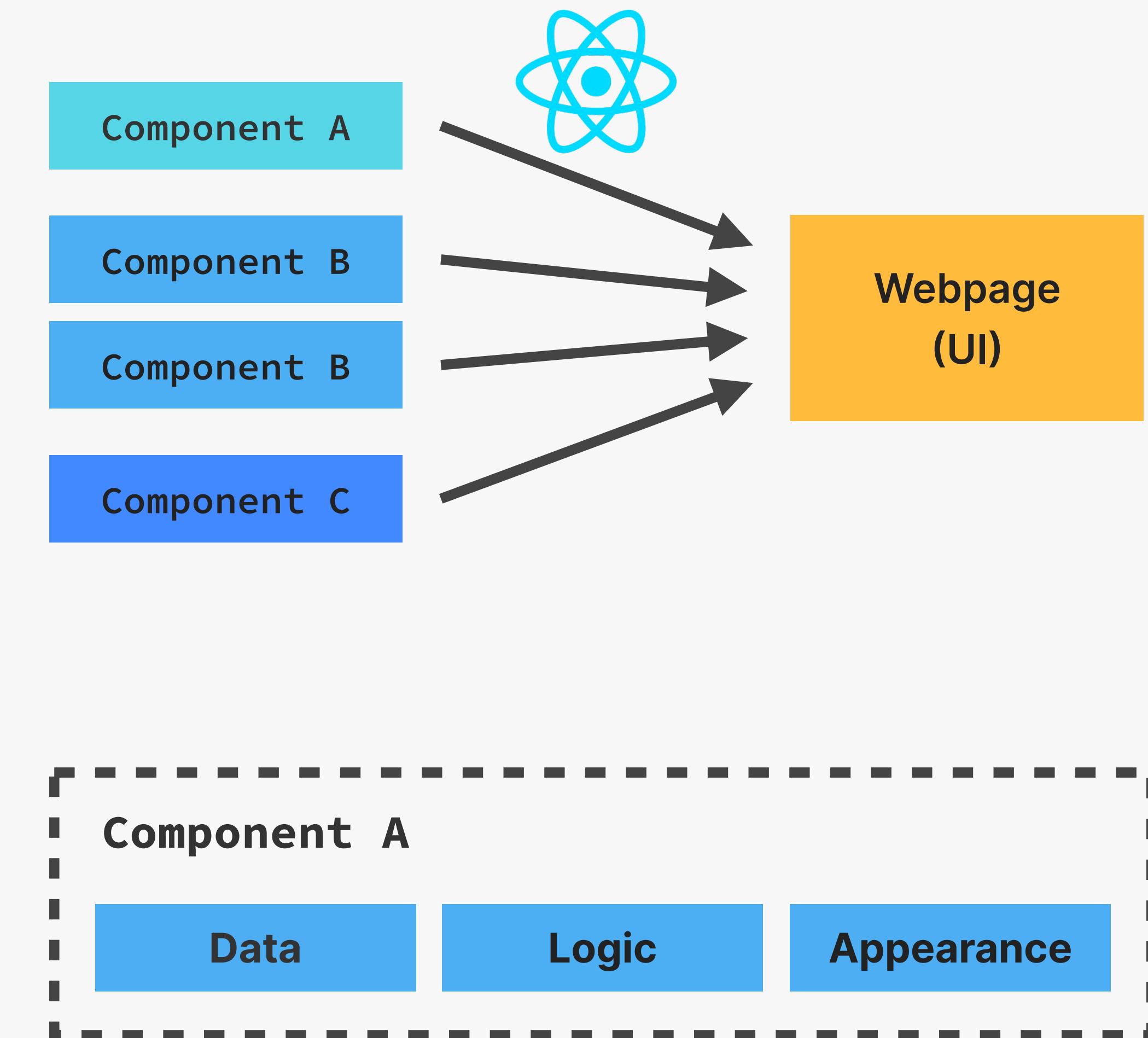
- 👉 React applications are entirely made out of components
- 👉 Building blocks of user interfaces in React

The screenshot shows a portion of the Udemy website. At the top right, there's a search bar with the placeholder "Search for anything". Below it is a purple "Add to cart" button. To the left of the search bar is a "Filter questions" dropdown menu with three options: "Questions I'm following", "Questions I asked", and "Questions without responses", each with an unchecked checkbox. On the far right, there are icons for Udemy Business, Instructor, My learning, a heart, a shopping cart, a bell, and a user profile. In the center, there's a course card for "The Complete JavaScript Course 2022: From Zero to Expert!" by Jonas Schmedtmann. The card features a thumbnail of a laptop screen displaying code and a yellow "JS" logo, along with a small profile picture of the instructor. Below the thumbnail, the course title and subtitle are displayed, followed by the instructor's name, a rating of 4.7 stars from 136,226 reviews, the price of €19.99, and a "Bestseller" badge. To the right of the course card, there's a sidebar titled "Topic" with a list of categories: Web Development (694), PHP (665), React (576), and CSS (493). A "Show more" link is also visible.

COMPONENTS AS BUILDING BLOCKS

COMPONENTS

- 👉 React applications are entirely made out of components
- 👉 **Building blocks** of user interfaces in React
- 👉 Piece of UI that has its own **data, logic, and appearance** (*how it works and looks*)
- 👉 We build complex UIs by **building multiple components and combining them**



COMPONENTS AS BUILDING BLOCKS

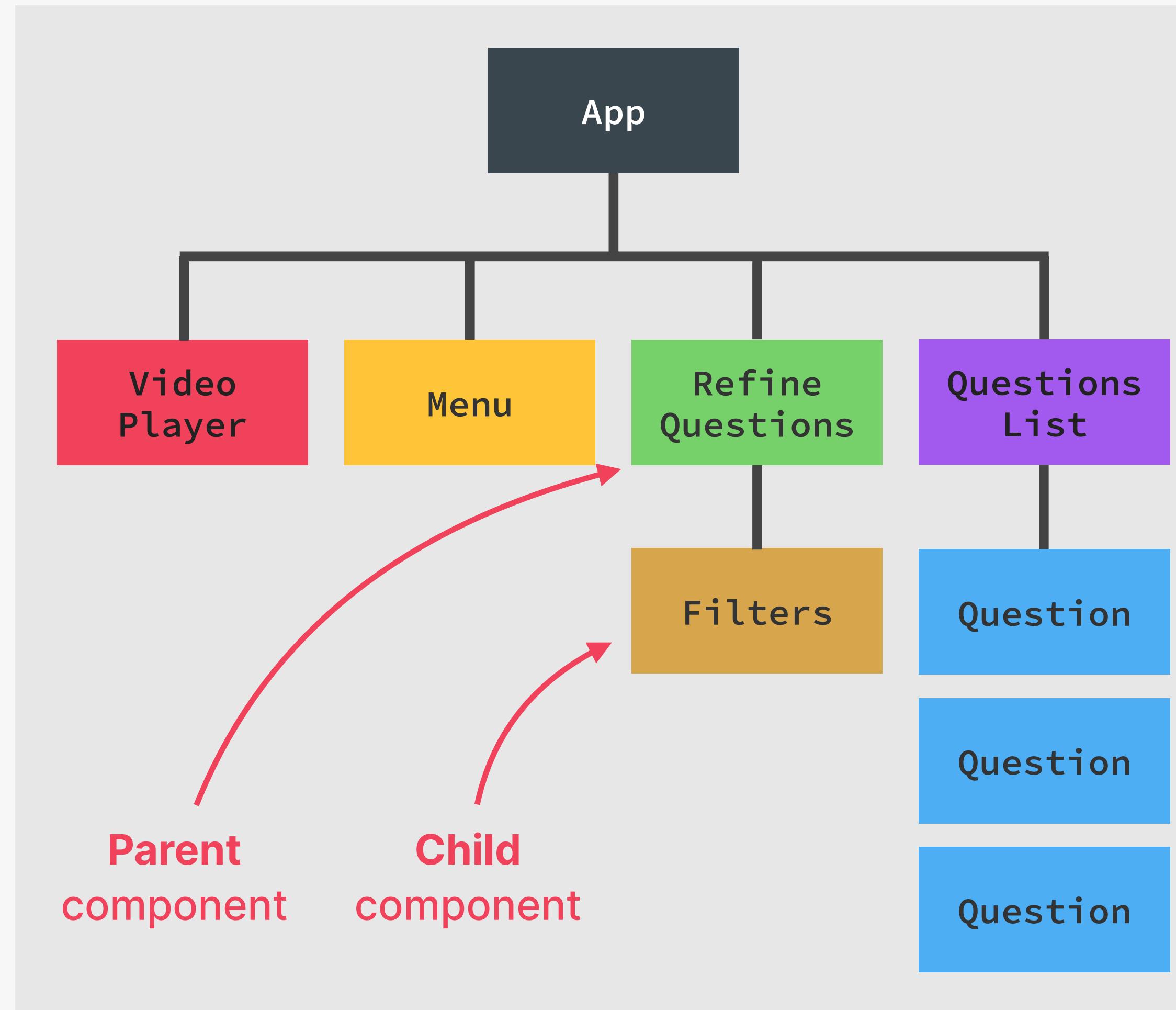
COMPONENTS

- 👉 React applications are entirely made out of components
- 👉 Building blocks of user interfaces in React
- 👉 Piece of UI that has its own **data, logic, and appearance** (*how it works and looks*)
- 👉 We build complex UIs by **building multiple components and combining them**
- 👉 Components can be **reused, nested inside each other, and pass data between them**

The screenshot shows a course interface with the following components:

- VideoPlayer**: A large video player at the top right.
- Menu**: A yellow navigation bar with links: Course content, Overview, Q&A (underlined), Notes, Announcements, and a search icon.
- RefineQuestions**: A green search bar labeled "Search all course questions" with a magnifying glass icon.
- Filters**: A section below the search bar with dropdown menus: All lectures, Sort by most recent, and Filter questions.
- QuestionList**: A purple container for a list of questions.
 - Question**: Question 2 on Challenge 2 by Darryl, posted 13 hours ago. It has 0 upvotes and 0 comments.
 - Question**: Elegant alternative for loading markers from localStorage by Vincent Giovanni, posted 14 hours ago. It has 0 upvotes and 0 comments.
 - Question**: How to not violate the "Do not repeat yourself" principle by Marinela, posted 15 hours ago. It has 0 upvotes and 1 comment.

COMPONENT TREES



The screenshot shows a user interface with a dark header bar containing a play button icon and the text "VideoPlayer". Below the header is a yellow navigation bar with links: "Course content", "Overview", "Q&A" (which is underlined), "Notes", and "Announcements". To the right of the navigation bar is a yellow box labeled "Menu". The main content area is divided into several sections:

- A green section labeled "RefineQuestions" contains a search bar with the placeholder "Search all course questions" and three dropdown menus: "All lectures", "Sort by most recent", and "Filter questions". This section is labeled "Filters" in orange.
- A purple section labeled "QuestionList" contains the heading "All questions in this course (41683)". Below this are three "Question" cards, each with a user profile picture, a question title, a snippet of the question, and a timestamp. The first card is from "Darryl" (Lecture 115, 13 hours ago). The second is from "VF" (Vincent Giovanni, Lecture 242, 14 hours ago). The third is from "Marinela" (Lecture 45, 15 hours ago). Each card has upvote and downvote counts (0 upvotes, 0 downvotes for the first, 0 upvotes, 1 downvote for the second, and 0 upvotes, 1 downvote for the third).

QuestionList