ITPRJS

Practice Problems: Week 5

ANNOUNCEMENT: From now on, you must use Functional components and Hooks throughout all your solutions. Don't use Class components anymore. Also, students are encouraged to use Styled Components to apply basic stylings to all their works.

1. Mini Project: https://www.youtube.com/watch?v=jc9_Bqzy2YQ&t
   Follow the video and code along. You have to show that you have completed the video and your application is working.

2. You have to create a basic blog post system using the API's provided in https://jsonplaceholder.typicode.com. Note that there are endpoints to GET posts (/posts) and also get comments (/comments).
   Create a route named "posts" (default landing page) where all the posts will be presented (route: /posts) to the user upon loading the page. Each post will have a button named "Show Comments". Upon clicking that, the post comments would be shown. For example, if the post id is 1, then to get the comments you have to send a request to /posts/1/comments.
   There would be another route for "users", upon going to that route, all the users along with their information will be shown (route: /users). For each user, show the name, email, city and website. There would be a top menu always available, having two menu items - "Posts" and "Users", users can navigate to any them they want by clicking.
   It is mandatory to apply styling to your pages.

3. Look at the following API route (GET):

    https://jsonplaceholder.typicode.com/todos?_start=0&_limit=5. There are in total

    of 200 items in the todo list. The _start determines the starting index (+1) of the

    todo list, and the _limit depicts how many items will be returned at once. So for

    example, if _start=10 & _limit=5, then you will get todo items numbered from

    11 to 15. Similarly if _start=20 & _limit=10, you will get items from 21 to 30.

    Your task is to create a web page, upon loading, the first 10 todo items will be

    shown. There would be a Load More Button. On clicking that, the next 5 to-do

    items will be loaded and so on. If the user clicks a todo item, he will be taken to

    another page where details will be shown. Details include the todo item itself

    and the author of the todo item.

    It's mandatory to apply some styling. The complete and incomplete todo items

    should be distinguishable from each other.

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