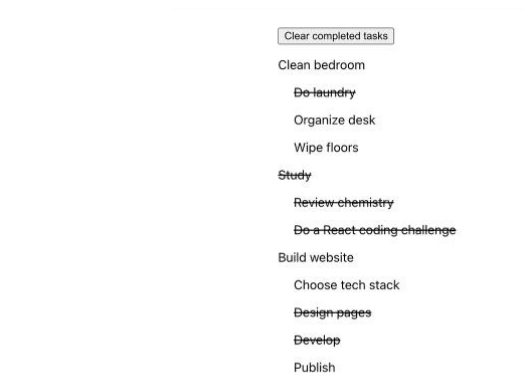


Write a functional component that accepts two props — an array of tasks and a function to update the array. Each element in the array is an object with two fields: “task” and “subtasks”. The “task” field is associated with a string description and the “subtasks” field is associated with an array of string descriptions. Here is an example of one such array (this array is also included in the starter code below):

```
[
  {
    task: "Clean bedroom",
    subtasks: ["Do laundry", "Organize desk", "Wipe floors"],
  },
  {
    task: "Study",
    subtasks: ["Review chemistry", "Do a React coding challenge"],
  },
  {
    task: "Build website",
    subtasks: ["Choose tech stack", "Design pages", "Develop", "Publish"],
  },
]
```

Your component should render a vertical list of the tasks along with the subtasks in an indented list below their associated task. The user should be able to toggle any subtask as completed/uncompleted by clicking on its text. Tasks do not need to be clickable. A completed subtask should appear as struck text. When all subtasks for a particular task are completed, the task should also appear struck through. Finally, include a button that removes all completed tasks and their associated subtasks when pressed (it should not remove completed subtasks associated with uncompleted tasks). The picture below shows the completed component after a user has clicked a few subtasks.



If the user were to click “Clear completed tasks” on the image above, only the “Study” task and its associated subtasks would be removed:

Clear completed tasks

Clean bedroom

~~Do laundry~~

Organize desk

Wipe floors

Build website

Choose tech stack

~~Design pages~~

~~Develop~~

Publish

N:B: This task should only be done with Reactjs and typescript template