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| **Folder structure**  adding src folder  We moved our Title to component/Title.js  import Title from "./component/Title"  This is not enough to import  We need to add export in Title.js  There are two way  1)    Now it we want to import Header as well as Title, then we cant export both by export default keyword  By export keyword we can export only one thing.  2)      In named import we can do as below      Below one |

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| Header.jsx and Header.js both are same    It is just a convention but we will be using Header.js |
| It can be imported as below    And use it like below |

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| Now we are adding search functionality  We added search bar but we cant edit in the UI    But we are not able to edit |
| We need to modify searchTxt   |  | | --- | | **onChange** method    Console.log called when input is changing |  |  | | --- | | Now |  |  | | --- | | If we need variables that keep changing then we use some react type of variable  Creating below variable    useState hook |  |  | | --- | |  |  |  | | --- | | What is a hook  It is just a js function | | Function of useState() it to create local state variables  In react we create local variable like    Or  Give default value | | To update react variable we cant directly update we uses react funtion to update it | | Now we will be able to update on the top of the “KFC” in input box | | Now input text will be displayed on button as well | | |  | | --- | |  | | |

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| |  | | --- | | This is 2 way binding, |  |  | | --- | | **Why do we need state variable?** |  |  | | --- | | We have        Now built functionality such that on clicking search it should change to true    On clicking search it changes to true |  |  | | --- | | Now giving true/false a togling effect | |

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| Implementing search functionality    We need to create state variable for RestaurantList      RestaurantList -> restaurants |