|  |
| --- |
|  |

|  |  |  |
| --- | --- | --- |
| |  | | --- | | On every key press “render()” will displayed    IF we don’t have to any change any thing then we can use normal local variable |  |  | | --- | | Problem with our search function  After searching a ‘king’, we wont be able other restaurant list.    This is happened because our filter function has changed our  RestaurantList | |

|  |
| --- |
| Monolith vs micro-services |

|  |
| --- |
| **Where to calll an api?**    Above is not the good way to call an api, it will be called after evry key press  Two Ways to call api  1) Load webpage => call API => render page                      (300ms)     (500ms)  2) Load webpage => render some UI => Call API => Update UI                      (100ms)           (300ms)     (500ms)  2nd is better method as it gives better user experience  We will be using **useEffect hook** to implememt 2nd way |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **useEffect Hook**    This will be when {searchText} changes   |  | | --- | | If its dependent array is black then it will be called once | | Example-2 |  |  | | --- | | “render” will be call first if page renders. |  |  | | --- | | This is the best way to call API. | |

1:38mins remaining