**Pegination**

1): Create one Pagination component

2) do five steps.

import React from "react";

export const Pagination=()=>{

return(

1. import pagination underlist component:

import { Pagination } from "./Pagination";

1. used under list after Grid.

</Grid>

<Pagination/>

        </div>

1. go to pagination file, import button,Grid from MUI and create button

<Grid sx={{margin:"5px"}}>

        <div className="d-flex justify-content-between">

        <Button variant="contained" className="btn btn-primary">Previous</Button>

        <Button variant="contained" className="btn btn-primary">Next</Button>

    </div>

1. Go to list component and add slic method under mapping.
2. data.slice(pagination.start,pagination.end).
3. Make one const.under list

const[pagination,setPagination]=useState({

        start:0,

        end:

6)make another const for how much item you want to show on the page.

const[showPerPage,setshowPerPage]=useState(18);

1. Set “end” as showperpage.

const [pagination,setPagination]=useState({

        start:0,

        end:showPerPage,

1. Check const “pagination” )} closing paranthesis and currely grases .
2. Pass props under list used pagination to use the showperpage
3. <Pagination showPerPage= {showPerPage}/>
4. Go to pagionation file and recereive this props .

export const Pagination=({showPerPage})=>{

1. Use state under Pagination file

{useState}

1. Take on const for conuter.(this is used for to increase and decrease the page count of next or previous)

const[counter,setCounter]=useState(1)

1. Add On click function on Button.

 <Button variant="contained" onClick={()=>setCounter(counter-1)} className="btn btn-primary">Previous</Button>

      <Button variant="contained" onClick={()=>setCounter(counter+1)} className="btn btn-primary">Next</Button>

14)Add UseEffect under Pagination component.

import React,{useState,useEffect} from "react";

1. Make one conts for useEffect. (we are making useeffect for counter ,when counter changed then its effect on page)

const useEffect(()=>{

  },[counter])

1. Add condition on useeffect.

  const useEffect(()=>{

const value= showPerPage \* counter ;

1. Go to listcomponent add one const

const onPaginationChange= (start, end)=>

1. Pass the props under div.

<Pagination showPerPage= {showPerPage}

onPaginationChange= {onPaginationChange}

1. Receive the props under Pagination component.{onPaginationChange}

export const Pagination=({showPerPage,onPaginationChange})=>{

1. Set onPaginationChange under pagination component.

useEffect(()=>{

const value= showPerPage \* counter ;

onPaginationChange (value - showPerPage, value)

21)Set onPagination change under list component.

const onPaginationChange= (start, end)=>{

        setPagination({start:start, end: end })

1. Change the mapping

data.slice(pagination.start,pagination.end).

1. data.slice(pagination.start,pagination.end).map(item=>< CommentItem item={item}/>)}
2. Now check onUI your Previous and next button working.
3. for blank pages of previous button add const under Pagin component.
4. const onButtonClick=(type)=>{
5. change both button “onClick” fucntion
6. <Button variant="contained" onClick={()=>onButtonClick('prev')} className="btn btn-primary">Previous</Button>
7. <Button variant="contained" onClick={()=>onButtonClick('next')} className="btn btn-primary">Next</Button>
8. Then apply the below condition .
9. const onButtonClick=(type)=>{
10. if (type==='prev'){
11. if (counter===1){
12. setCounter(1)
13. }else{
14. setCounter(counter-1)
15. }
16. }else if (type==='next'){
17. setCounter(counter+1)
18. }

After this your previous button start working and it will not move on -10 (balnk pages)