import React from 'react'

export default function MapReduceFilter() {

    const arr = [1,2,3,4,5,6];

    let o ="";

    const double = (x)=>

    {

        return x\*x;

    }

    const MoreThan4 = (x)=>

    {

        return x>4;

    }

    const arr1 = arr.map(double)

    const arr2 = arr.filter(MoreThan4);

    const usersList = [

        {name : "ajay", marks:90},

        {name : "sagar", marks:67},

        {name : "jay", marks:96},

        {name : "ajay", marks:45}

    ]

    const users = usersList.map(x=>console.log(x.name))

 const user1 = usersList.map((item)=>

 <li> {item.name} </li>)

 const sum = arr.reduce((acc, cure)=>

 {

   acc = acc+cure;

   return acc;

 })

 const Max = arr.reduce((acc, cur)=>

 {

    if(cur>acc)

    acc = cur;

return acc;

 })

    return (

    <div>MapReduceFilter

        {arr.map((x)=> { console.log(double(x))})}

        {console.log("a"+ arr.map(double))

        }

        {o = arr.filter(MoreThan4)

        }{"a"+ o}

        {"Doublae"+ arr1}

        {console.log(arr1)}

         <ul> {user1} </ul>

<h2> Sum is {sum} </h2>

<h2> Max no is {Max} </h2>    </div>

  )

}