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**Ans 1**:

Memo is used to prevent the "WrappedListComponent" component from unnecessary re-rendering by wrapping the "WrappedListComponent" in the "memo" and pass it to "List" to export the component.

**Ans 2**:

There are actually some errors in the given code like - we need to use Prototype of array instead of using Prototypes.array  and also change Prototypes.shapeof to Prototype.shape from the given code\

The Error number 1 can be fixed by making some changes mentioned above .

WrappedListComponent.propTypes = {

  items: PropTypes.arrayOf(PropTypes.shape  ({

    text: PropTypes.string.isRequired,

  })),

};

**Ans-2**

Map function is unable to read the “items” property because “items” is not an array datatype. It returns a null value as result. That’s the reason the map can not traverse “items” values.

We need to convert the “items” type from null to array, to fix the error in this case.

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

**import PropTypes from "prop-types";**

**const WrappedSingleListItem = ({ index, isSelected, onClickHandler, text }) => {**

**return (**

**<li**

**style={{**

**cursor: "pointer",**

**backgroundColor: isSelected ? "green" : "red"**

**}}**

**onClick={() => onClickHandler(index)}**

**>**

**{text}**

**</li>**

**);**

**};**

**WrappedSingleListItem.propTypes = {**

**index: PropTypes.number,**

**isSelected: PropTypes.bool,**

**onClickHandler: PropTypes.func.isRequired,**

**text: PropTypes.string.isRequired**

**};**

**const SingleListItem = memo(WrappedSingleListItem)**

**useEffect(() => {**

**setSelectedIndex(null);**

**}, [items]);**

**const handleClick = (index) => {**

**setSelectedIndex(index);**

**};**

**return (**

**<>**

**{items.map((item, index) => (**

**<ul style={{ textAlign: "left" }} key={index}>**

**<SingleListItem**

**onClickHandler={() => handleClick(index)}**

**text={item}**

**index={index}**

**isSelected={selectedIndex}**

**/>**

**</ul>**

**))}**

**</>**

**);**

**};**

**WrappedListComponent.propTypes = {**

**items: PropTypes.arrayOf(**

**PropTypes.shape({**

**text: PropTypes.string.isRequired**

**})**

**)**

**};**

**WrappedListComponent.defaultProps = {**

**items: ["John", "Kevin"]**

**};**

**const List = memo(WrappedListComponent);**

**export default List;**