1.

Question 1

In the RadioGroup component, when cloning each child element (RadioOption), what’s the condition that determines the value of the new checked prop that gets merged into the existing props of each RadioOption component? Recall that the RadioGroup component has three props - onChange, selected and children - and that each RadioOption component receives two props - value and children.

React.cloneElement(child, {

onChange,

checked: child.props.selected,

});

React.cloneElement(child, {

onChange,

checked: child.checked === true,

});

React.cloneElement(child, {

onChange,

checked: child.props.value === selected,

});

2.

Question 2

Inside the RadioOption component, what should be the value of the onChange prop from the radio input element? Recall that the RadioOption component receives four props - value, checked, onChange and children.

1

<input type="radio" onChange={() => onChange(props.value)} />

1

<input type="radio" onChange={e => onChange(e.target.value)} />

1

<input type="radio" onChange={props.onChange} />

3.

Question 3

What are the arguments that the React.Children.map function receives?

The first argument is the children prop, and the second argument is a predicate function that returns a Boolean.

The first argument is the children prop, and the second argument is a transformation function that returns a new React element.

The first argument is the children prop, and there is no second argument.