⚠ **This quiz has been regraded; your score was affected.**

EXAM 1 FA21

Due No due date	**Points** 84	**Questions** 20	**Time Limit** 100 Minutes

Attempt History

	Attempt	**Time**	**Score**	**Regraded**
LATEST	**Attempt 1**	99 minutes	68 out of 84	72 out of 84

Score for this quiz: **72** out of 84
Submitted Oct 21, 2021 at 8:46pm
This attempt took 99 minutes.

Question 1	**2 / 2 pts**

What does JSON stand for? White each word corresponding to each letter in a separate input field.

Java	Script	Object

Notation

Answer 1:

Correct!   Java

Answer 2:

Correct!   Script

Answer 3:

Correct!   Object

Answer 4:

Correct!

Notation

Question 2   2 / 2 pts

What does SPA stand for? White each word corresponding to each letter in a separate input field.

Single	Page	Application

Answer 1:

Correct!

Single

Answer 2:

Correct!

Page

Answer 3:

Correct!

Application

Question 3   4 / 4 pts

Which of the following options implement a set of radio buttons that are mutually exclusive?

○ <radio id="gender" value="MALE"/>MALE
  <radio id="gender" value="FEMALE"/>FEMALE

Correct!

◉ <input type="radio" name="gender"/>MALE
  <input type="radio" name="gender"/>FEMALE

```
   <input type="radio" id="gender"/>MALE
○  <input type="radio" id="gender"/>FEMALE

   <radio name="gender"/>MALE
○  <radio name="gender"/>FEMALE
```

Question 4   4 / 4 pts

Consider the following label "zjjkqek" and input text field below it. A user clicks on the label "zjjkqek" and the input field receives focus, i.e., the cursor appears in the input field ready for the user to type in data.

zjjkqek

Which of the following code snippets achieves this behavior?

```
○  <label for="zjjkqek">zjjkqek</label>
   <input name="fsskrvu"/>
```

Correct!

```
◉  <label for="yevdplc">zjjkqek</label>
   <input id="yevdplc"/>
```

```
○  <label id="pcajicn">zjjkqek</label>
   <input id="pcajicn"/>
```

```
○  <label name="tgvhfqq">zjjkqek</label>
   <input name="zjjkqek"/>
```

Question 5   4 / 4 pts

Consider the following set of buttons

☐ onoeolq

☐ fphnnre

☐ bvalfmv

If a user clicks on the text, the button is selected.
Which of the following code snippets achieves this behavior?
Select all that apply.

☐
```
<input name="morobvq" type="checkbox"/><label name="morobv
q">onoeolq</label>
<input name="isvlgpx" type="checkbox"/><label name="isvlgp
x">fphnnre</label>
<input name="jjgmpfy" type="checkbox"/><label name="jjgmpf
y">bvalfmv</label>
```

Correct!

☑
```
<label><input type="checkbox"/>onoeolq</label>
<label><input type="checkbox"/>fphnnre</label>
<label><input type="checkbox"/>bvalfmv</label>
```

Correct!

☑
```
<input id="morobvq" type="checkbox"/><label for="morobvq">o
noeolq</label>
<input id="isvlgpx" type="checkbox"/><label for="isvlgpx">f
phnnre</label>
<input id="jjgmpfy" type="checkbox"/><label for="jjgmpfy">b
valfmv</label>
```

☐
```
<input id="morobvq" type="checkbox"/><label id="morobvq">on
oeolq</label>
<input id="isvlgpx" type="checkbox"/><label id="isvlgpx">fp
hnnre</label>
<input id="jjgmpfy" type="checkbox"/><label id="jjgmpfy">bv
alfmv</label>
```

Question 6   **4 / 4 pts**

Consider the following label **"gljkuliuny"** and input text input field. The input field is initially empty, but shows grayed out text saying **"tidaznnahe@aprohyaxmb.com"** giving the user a hint of the input that is expected. When the user types into the text field, the hint disappears. If the user deletes all the text, the hint appears again.

gljkuliuny

| tidaznnahe@aprohyaxmb.com |

This behavior can be achieved with which of the following code snippets?

Correct!

⦿
```
<label>Email</label>
<input placeholder="tidaznnahe@aprohyaxmb.com"/>
```

○
```
<label>Email</label>
<input value="tidaznnahe@aprohyaxmb.com"/>
```

○
```
<label>Email</label>
<input hint="tidaznnahe@aprohyaxmb.com"/>
```

○
```
<label>Email</label>
<input tip="tidaznnahe@aprohyaxmb.com"/>
```

Question 7   **4 / 4 pts**

Consider the following label **"kesopiwhcb"** and input text input field. The input field is initially empty. When the user hovers over the input field, a small text appears **"pghkatupfh"**near the input field with a hint of the input that is expected. When the user hovers away, the hint disappears.

kesopiwhcb

hello

pghkatupfh

This behavior can be achieved with which of the following code snippets?

○
```
<label>Email</label>
<input tooltip="Please enter your email"/>
```

○
```
<label>Email</label>
<input hint="Please enter your email"/>
```

Correct!

◉
```
<label>Email</label>
<input title="Please enter your email"/>
```

○
```
<label>Email</label>
<input placeholder="Please enter your email"/>
```

Question 8

0 / 4 pts

Consider the following label "zpnyv" and input text input field.
The input field initially displays the text "yetmr@emkej".
The user can edit the text by clicking into the field and typing on their keyboard.

zpnyv

yetmr@emkej

This behavior can be achieved with which of the following code snippets?

orrect Answer

○
```
<label>zpnyv</label>
<input value="yetmr@emkej"/>
```

○
```
<label>zpnyv</label>
<input data="yetmr@emkej"/>
```

○
```
<label>zpnyv</label>
<input email="yetmr@emkej"/>
```

ou Answered

◉
```
<label>zpnyv</label>
<input placeholder="yetmr@emkej"/>
```

Question 9

4 / 4 pts

Consider the following label "Post" and text field.

The input field initially displays the text

```
Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eius
mod tempor incididunt ut labore et dolore magna aliqua
```

The user can edit the text by clicking into the field and typing on their keyboard.

Post

```
Lorem ipsum dolor sit
amet, consectetur
adipiscing elit, sed do
eiusmod tempor
incididunt ut labore et
dolore magna aliqua
```

This behavior can be achieved with which of the following code snippets?

Select all that apply.

```
<label>Post</label>
<textarea
    text="Lorem ipsum dolor sit amet, consectetur adipiscin
g elit, sed do eiusmod tempor incididunt ut labore et dolor
e magna aliqua"></textarea>
```

Correct!

☑

```
<label>Post</label>
<textarea>
    Lorem ipsum dolor sit amet, consectetur adipiscing eli
t, sed do eiusmod tempor incididunt ut labore et dolore mag
na aliqua
</textarea>
```

☐

```
<label>Post</label>
<textarea
    data="Lorem ipsum dolor sit amet, consectetur adipiscin
g elit, sed do eiusmod tempor incididunt ut labore et dolor
e magna aliqua"></textarea>
```

☐

```
<label>Post</label>
<textarea
    value="Lorem ipsum dolor sit amet, consectetur adipisci
ng elit, sed do eiusmod tempor incididunt ut labore et dolo
re magna aliqua"></textarea>
```

Question 10   **6 / 6 pts**

Consider the following code snippet:

```
<h4 class="pue">Welcome to WebDev</h4>
<p id="cao" class="pue">
    React.JS
    <span id="pue">rocks!</span>
</p>
```

Using the colors

white, blue, red, yellow, green, orange, and black,

fill in the blanks below so that the code above renders as follows:

Welcome to WebDev

React.JSrocks!

```
.pue {
    background-color:      black        ;
    color:       yellow       ;
}
#cao {
    background-color:      green        ;
    color:       white       ;
}
#pue {
    background-color:      red        ;
    color:       blue       ;
}
```

Answer 1:

Correct!   black

Answer 2:

Correct!   yellow

Answer 3:

Correct!

green

___

Answer 4:

Correct!

white

___

Answer 5:

Correct!

red

___

Answer 6:

Correct!

blue

___

Question 11

1 / 1 pts

Consider the following code snippet:

```
let pn = [31,44,45,36];
let eu = [39,54,61,95];
let cp = [...pn, 9, 10, 11, eu]
```

What is the value of `cp.length`?:   8

___

Answer 1:

Correct!

8

___

Question 12

3 / 3 pts

Consider the following code snippet:

```
let gu = {
    si: 'da',
    cf: 'qe'
}
```

```
let uj = {
    cf: 'do',
    co: 'db',
    ...gu,
}
gu = {
    ...uj,
    cf: 'wh',
    co: 'nd'
}
console.log(gu.si)
console.log(uj.cf)
console.log(gu.co)
```

What does `console.log(gu.si)` print: da

What does `console.log(uj.cf)` print: qe

What does `console.log(gu.co)` print: nd

Answer 1:

Correct!   da

Answer 2:

Correct!   qe

Answer 3:

Correct!   nd

Question 13   **4 / 4 pts**

Consider the following array of strings:

```
const huo = ['gx','cu','hs','ee','dp']
```

Which of the code snippets below would generate the following output?
Select all that apply.

- gx
- cu

- hs
- ee
- dp

Correct!

```
<ul>
{
    huo.map(hsl => {
            return <li>{hsl}</li>
        }
    )
}
</ul>
```

```
<ul>
{
    huo.map(function(hsl) =>
        <li>{hsl}</li>
    )
}
</ul>
```

```
<ul>
{
    huo.map(hsl =>
        return <li>{hsl}</li>
    )
}
</ul>
```

Correct!

```
<ul>
{
    huo.map(hsl => <li>{hsl}</li>)
}
</ul>
```

Question 14

4 / 4 pts

Consider the following array of values:

```
const eia = [97,77,87,13,11]
```

Which of the code snippets below would generate the following output?
Select all that apply.

- 97
- 77
- 87

Correct!

```
<ul>
    {
        eia.filter(noo => noo > 59).map(qmf =>
            <li>{qmf}</li>
        )
    }
</ul>
```
☑

```
<ul>
    {
        eia.map(qmf =>
            <li>{qmf}</li>
        ).filter(noo => noo > 59)
    }
</ul>
```
☐

```
<ul>
    {
        eia.map(noo => noo > 59).filter(qmf =>
            <li>{qmf}</li>
        )
    }
</ul>
```
☐

Correct!

```
<ul>
    {
        eia.filter(
            function(noo){
                return noo > 59
            })
            .map(
            function(qmf) {
                return(
                    <li>{qmf}</li>
                )
            })
    }
</ul>
```
☑

Question 15   5 / 5 pts

Consider the code snippet below. Fill in the blanks to render a Hello
World message embedded in an h1 element

```
import __A__ from 'react';
import __B__ from 'react-dom';
ReactDOM.__C__(
     <h1>__D__</h1>,
     document.__E__('root')
);
```

A. | React |

B. | ReactDOM |

C. | render |

D. | Hello World |

E. | getElementById |

Answer 1:

Correct!   React

Answer 2:

Correct!   ReactDOM

Answer 3:

Correct!   render

Answer 4:

Correct!   Hello World

Answer 5:

Correct!   getElementById

Question 16

4 / 4 pts

Consider a HelloWorld component implemented in a file called hello.js in the same directory as the code below. Fill in the blanks to load the component and then render it in an element whose ID is root.

```
import __A__ from '__B__'
ReactDOM.render(
  <HelloWorld/>,
  __C__.getElementById('__D__')
);
```

A.   HelloWorld

B.   ./hello.js

C.   document

D.   root

Answer 1:

Correct!   HelloWorld

Answer 2:

Correct!   ./hello.js

orrect Answer   hello

orrect Answer   hello.js

orrect Answer   ./hello

Answer 3:

Correct!   document

Answer 4:

Correct!   root

Question 17   4 / 4 pts

Consider the following code snippet:

```
const Answer = () =>
    <div>
        <MJ le="OE"/>
        <NP le="OE"/>
        <IU le="OE"/>
        <WR le="OE"/>
    </div>
```

Which of the following implementations for `MJ`, `NP`, `IU`, and `WR` displays "<h1>OE</h1>"? Select all that apply

```
class WR
    extends React.Component {
    render({le}) {
        return(
            <h1>{le}</h1>
        )
    }
}
```

Correct!

☑ const NP = ({le}) => <h1>{le}</h1>

☐ const IU = ({le}) => <h1>{this.props.le}</h1>

Correct!

```
class MJ
    extends React.Component {
    render() {
        return(
            <h1>{this.props.le}</h1>
        )
    }
}
```
☑

Question 18

Original Score: 0 / 4 pts **Regraded Score: 4 / 4 pts**

> (!) **This question has been regraded.**

Which of the following implementations displays <h1>LY</h1>? Select all that apply

Correct!

☑
```
const HP = () =>
    <h1>LY</h1>
```

Correct!

☑
```
function HP() {
    return(<h1>LY</h1>)
}
```

Correct!

☑
```
const HP = () => {
    return(<h1>LY</h1>)
}
```

Correct!

☑
```
class HP extends React.Component {
    render() {
        return(
            <h1>LY</h1>
        )
    }
}
```

Question 19   **6 / 6 pts**

Consider the code snippet below. Create a component called Add that accepts two properties A and B and renders the addition of A and B in an H1 element. The component is used as follows: <Add A=2 B=2/>

```
import React from 'react'
__A__ __B__ = ({__C__, B}) __F__ {
  __D__ (
    <h1>{A + __E__}</h1>
  )
}

export default Add;
```

A. const

B. Add

C. A

D. return

E. B

F. =>

Answer 1:

Correct!   const

Answer 2:

Correct!   Add

Answer 3:

Correct!   A

Answer 4:

Correct!   return

Answer 5:

Correct!   B

Answer 6:

Correct!   =>

Question 20   3 / 11 pts

Consider the code snippet below. Use React's routing library so that

when the user clicks on GCQ, component APL is displayed. Also, the
URL of the browser changes to /IRY

```
import React from 'react';
import {__1__ as LBK, __2__, Route} from 'react-router-dom';
import APL from './RUT'
const WMC = () => (
<__3__>
        <__4__ to="/__5__">GCQ</__6__>
        <__7__ path='/__8__'>
            <__9__/>
        </__10__>
</__11__>
)
```

1. | Link |

2. | BrowserRouter |

3. | BrowserRouter |

4. | LBK |

5. | /IRY |

6. | LBK |

7. | Route |

8. | /IRY |

9. | APL |

10. | Route |

11. | BrowserRouter |

Answer 1:

| Link |

BrowserRouter

Answer 2:

You Answered

> BrowserRouter

orrect Answer   Link

Answer 3:

You Answered

> BrowserRouter

orrect Answer   LBK

Answer 4:

You Answered

> LBK

orrect Answer   Link

Answer 5:

You Answered

> /IRY

orrect Answer   IRY

Answer 6:

You Answered

> LBK

orrect Answer   Link

Answer 7:

Correct!   Route

Answer 8:

You Answered

> /IRY

orrect Answer   IRY

Answer 9:

Correct!   APL

Answer 10:

Correct!   Route

Answer 11:

ou Answered

> BrowserRouter

orrect Answer   LBK

Quiz Score: **72** out of 84