

Remaining Time: **29 minutes, 10 seconds.**

T

🚩 **Question Completion Status:**

### Test Information

Description Please note:

If you decide to write your code using an external editor, ie Visual Studio Code, etc. Please click "**Remove Formatting**" when pasting your code.

Paste Formatting Options

Choose to keep or remove formatting in the pasted content.

Remove Formatting

Keep Formatting

Also, if you have any questions during the test, you can reach me on my Seneca extension: at **(416) 491-5050 ext: 24066**

Good luck!

### Instructions

- |                   |   |
|-------------------|---|
| Timed Test        | This test has a time limit of 30 minutes. This test will save and submit automatically when the time expires.<br>Warnings appear when <b>half the time, 5 minutes, 1 minute, and 30 seconds</b> remain. |
| Multiple Attempts | Not allowed. This test can only be taken once.  |
| Force Completion  | This test can be saved and resumed at any point until time has expired. The timer will continue to run if you leave the test.<br>Your answers are saved automatically.                                  |

component called "Repeat" according to the following specification:

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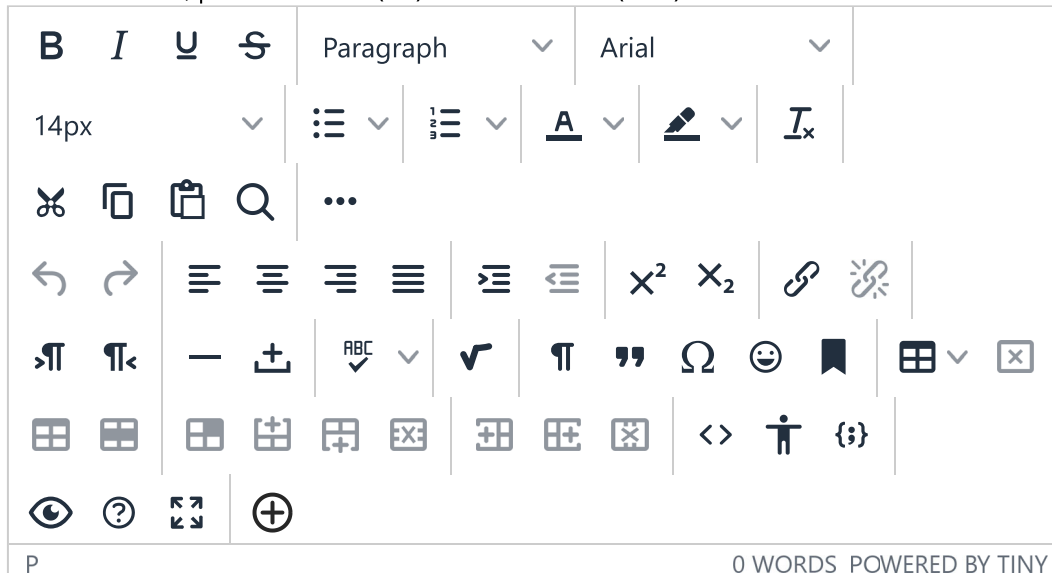
#### Question Completion Status:

```
<n4>repeat TEXT</n4>  
<p>REPEATEDTEXT</p>  
<button>Repeat It</button>
```

where

- "TEXT" is the value of the "text" property
- "REPEATEDTEXT" is the calculated value of (the "text" property).repeat(the "times" value), ie: text.repeat(5) will repeat the text value 5 times
- Clicking the "Repeat It" button will add 1 to the value of the "times" value.

For the toolbar, press ALT+F10 (PC) or ALT+FN+F10 (Mac).



#### QUESTION 2

10 points

Save Answer

Show the complete code (including all imports / function definition / export, etc) for a component called "EmployeeList" according to the following specification (below):

Note: The file defining the EmployeeList function must also import EmployeeData from './EmployeeData' - this will give you access to a EmployeeData.getEmployees() method that returns a promise that resolves with a list of employees in the format: {empName: string, contract: boolean}.

The EmployeeList must:

data.  
- Renders the following template:

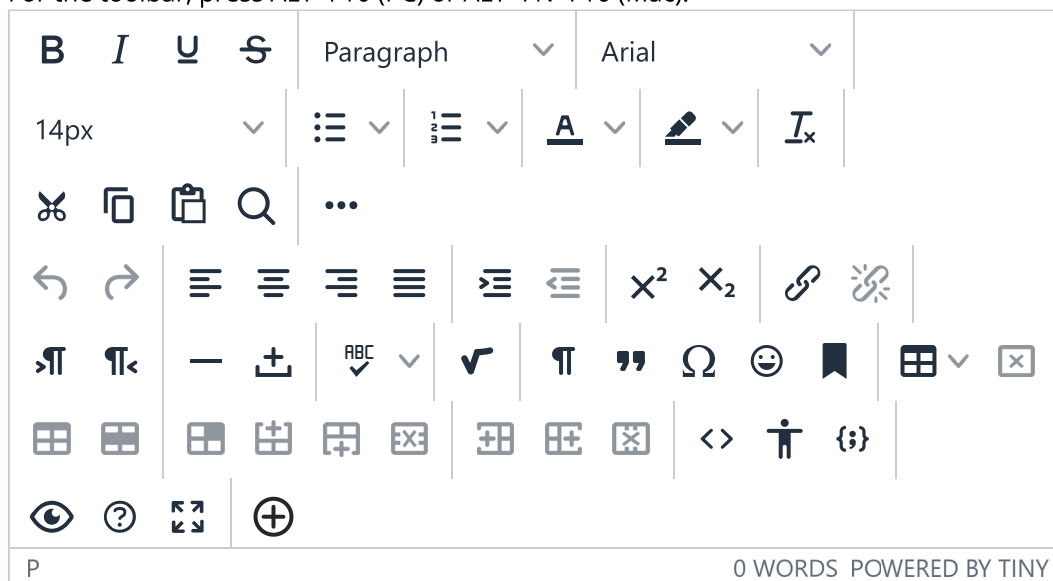
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### Question Completion Status:

Where

- There must be 1 `<li>` in the `<ol>` for every employee in the "employees" array
- EMPLOYEE NAME is the current employee's name
- CONTRACTED/NOT CONTRACTED is either "contracted" or "not contracted" depending on whether that employee is "contract" or not

For the toolbar, press ALT+F10 (PC) or ALT+FN+F10 (Mac).



### QUESTION 3

6 points

Save Answer

For this question, we will assume that react-router-dom has been installed and BrowserRouter has been added to the index.js file surrounding the App component. It is your task to fill out the JSX code for the template (return statement) of the App component to provide routing for our application according to the following specification (You may assume all components mentioned below have been imported):

- The html `<h4>WEB422</h4>` is shown on every route
- `<Main />` - this component should be rendered using the route `"/`
- `<Employee num="employeeNum" />` - this component should be rendered using the route `"/employee/employeeNum"`, where `employeeNum` can be any value. The "Employee" component accepts a single property: "num" which represents the `employeeNum` in the route

For the toolbar, press ALT+F10 (PC) or ALT+FN+F10 (Mac).

