

## DAILY ONLINE ACTIVITIES SUMMARY

Date:	21/05/2020	Name:	Rohan Vashista BM
Sem & Sec	6 <sup>th</sup> Sem & B	USN:	4al17cs078
<b>Online Test Summary</b>			
Subject	OS Test1		
Max. Marks	30	Score	30
<b>Certification Course Summary</b>			
Course	Full Stack Web development		
Certificate Provider	Udemy	Duration	20hrs
<b>Coding Challenges</b>			
<b>Problem Statement:</b>  <ol style="list-style-type: none"><li>1. Create the SLL, and then Reverse the Link in SLL until Head becomes NULL. Each Time Reversing the Link, Head must be moved to next immediate node</li><li>2. Write a C program to construct a singly linked list by removing duplicate elements in the sorted linked list</li></ol>			
<b>Status: completed</b>			
Uploaded the report in Github		yes	
If yes Repository name		<a href="https://github.com/Rohanvasista/Coding-activities">https://github.com/Rohanvasista/Coding-activities</a>	
Uploaded the report in slack		yes	

## Online test details

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techgig.com/challenge/result/mcq/WERQRGIGeU1rdFFWYIhpMUJRdnhvQT09

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### Test Completed!

You have successfully participated in CSE-17CS64-OS-IA1.

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**Results** Analytics

✓ MCQ  
Your Score **30** / 30

Type here to search

ENG IN 9:39 AM 5/21/2020

## Online Certification Details

### Completed modules

- Introduction
- HTML
- CSS
- ReactJS

7:05 PM 238KB/s 4G 82%

```
import React, {Component} from 'react';

class App extends React.Component {
  constructor() {
    super();
    this.state = {
      data: []
    };
    this.stateHandler = this.stateHandler.bind(this);
  }

  stateHandler() {
    //var item = "The State";
    // var dataArray = this.state.data;
    //dataArray.push(item);
    //this.setState({data: dataArray});
    this.setState({data: [...dataArray, item]});
  }

  render() {
    return (
      <div>
        <div>{this.state.data}</div>
        <button onClick={this.stateHandler}>Click here to update/button
        </div>
      </div>
    );
  }
}

export default App;
```

Lectures More



## Section 6 - React JS



### 62 ✓ Setup Environment for ReactJs

Video - 12:34 mins



### 63 ✓ Setup Environment for reactJs 2

Video - 03:25 mins



### 64 ✓ Making the Very first app

Video - 12:36 mins



### 65 ✓ What is Jsx

Video - 10:27 mins



### 66 ✓ States in React

Video - 07:57 mins



### 67 ✓ Props

Video - 04:13 mins



### 68 ✓ Props and State Combined

Video - 12:39 mins



### 69 ✓ setState

Video - 10:23 mins



### 70 Forms in ReactJs

Video - 04:30 mins



# Coding Challenge Details

**1.** Create the SLL, and then Reverse the Link in SLL until Head becomes NULL. Each Time Reversing the Link, Head must be moved to next immediate node.

```
Enter data into the list
Enter number: 5
Do you wish to continue [1/0]: 1
Enter number: 6
Do you wish to continue [1/0]: 1
Enter number: 4
Do you wish to continue [1/0]: 1
Enter number: 3
Do you wish to continue [1/0]: 1
Enter number: 7
Do you wish to continue [1/0]: 0

Displaying the nodes in the list:
5 6 4 3 7
Enter the number N to reverse first N nodes: 5
Reversing the list....
Displaying the reversed list:
7 3 4 6 5

...Program finished with exit code 0
Press ENTER to exit console.
```

**2.** Write a C program to construct a singly linked list by removing duplicate elements in the sorted linked list

```
Enter the total number of elements : 8
Enter the sorted linked list : 4 4 5 2 6 9 3 3
Linked list before removing duplicates : 3 3 9 6 2 5 4 4
Linked list after removing duplicates : 3 9 6 2 5 4

...Program finished with exit code 0
Press ENTER to exit console.
```