Mindluster Platform

About the course Singly Linked List in Data Structures

Singly Linked List course, This course covers the principles and applications of singly linked lists, a fundamental data structure in computer science and programming.

Computer Science Category's Courses

Course Lesson(33)

Lesson 1 : **Introduction to Linked List**

Lesson 2 : **Array vs Single Linked List In Terms of Representation**

Lesson 3 : **Creating the Node of a Single Linked List**

Lesson 4 : **Creating a Single Linked List Part 1**

Lesson 5 : **Creating a Single Linked List Part 2**

Lesson 6 : **Traversing a Single Linked List Counting the Nodes**

Lesson 7 : **Traversing a Single Linked List Printing the Data**

Lesson 8 : **Traversing the List Linked List vs Arrays**

Lesson 9 : **Single Linked List Inserting a Node at the End**

Lesson 10 : **Insertion at the End Linked List vs Array Part 1**

Lesson 11 : **Insertion at the End Linked List vs Array Part 2**

Lesson 12 : **Single Linked List Inserting a Node at the Beginning**

Lesson 13 : **Inserting the Data at the Beginning of Single Linked Lists Possible Mistake**

Lesson 14 : **Inserting the Data at the Beginning of Single Linked List 2nd Method**

Lesson 15 : **Inserting the Data at the Beginning Singly Linked List vs Array**

Lesson 16 : **Single Linked List Inserting a Node at a Certain Position**

Lesson 17 : **Insertion at a Certain Position Singly Linked List vs Arrays Part 1**

Lesson 18 : **Insertion at a Certain Position Singly Linked List vs Arrays Part 2**

Lesson 19 : **Single Linked List Deleting the First Node**

Lesson 20 : **Single Linked List Deleting the Last Node**

Lesson 21 : **Single Linked List Deleting the Last Node using Single Pointer**

Lesson 22 : **Deletion at the End Singly Linked List vs Array**

Lesson 23 : **Deletion at the Beginning Single Linked List vs Array**

Lesson 24 : **Single Linked List Deleting the Node at a Particular Position**

Lesson 25 : **Deleting the Entire Single Linked List**

Lesson 26 : **Reverse a Single Linked List**

Lesson 27 : **Singly Linked List Solved Problem 1**

Lesson 28 : **Singly Linked List Solved Problem 2**

Lesson 29 : **Singly Linked List Solved Problem 3**

Lesson 30 : **Singly Linked List Solved Problem 4**

Lesson 31 : **Singly Linked List Solved Problem 5**

Lesson 32 : **Singly Linked List Solved Problem 6**

Lesson 33 : **Rapid Fire Quiz Singly Linked List**

Related courses

Linear Algebra for Computer Scientists

Insertion Sort

Bubble Sort

GCSE Computer Science

Random Access Memory

Binary Trees

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