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COURSES

Mircosoft**Introduction to Databases****EXPLORE**

Description: A Microsoft verified course consisting of 15 lectures and 5 quizzes along with instructor support for entry-level students.

Amazon**Introduction to Operating Systems****EXPLORE**

Description: An Amazon verified course consisting of 15 lectures and 5 quizzes along with instructor support for entry-level students.

Brown University**Theory of Automata****EXPLORE**

Description: Course compiled by Brown University





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Mircosoft

Price: \$100

Introduction to Databases**BUY NOW**

Description: A Microsoft verified course consisting of 15 lectures and 5 quizzes along with instructor support for entry-level students.

Total Time Needed for Completion: 10 Hours Course

Type: Development

Course Content:

- ★ Database Concepts (1 Hour)
- ★ SQL: Querying/Manipulating Data (3 Hours)
- ★ Data Storage and Indexing (1 Hour)
- ★ Transaction and Concurrency Control (1 Hour)
- ★ Query Evaluation (4 Hour)

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Data Structures

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Complete Status:



Next Lecture: Quiz 3, Trees (Time Needed: 3 Hours)

Due:

Assignment 2 (Monday 29-5-20/ 11:59 pm)

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- In College
- In First Year University
- In Second Year University
- In Third Year University
- In Fourth Year University
- University Graduate

UPDATE



QUIZ 3

1) How is data in a queue Processed?

★ FIFO

★ FILO

★ LIFO

2) Item in priority queue can jump to the front of the line if they have priority?

★ TRUE

★ FALSE

★ NONE OF THESE

3) Time taken for the addition of element in a queue is:

★ O(1)

★ O(n)

★ O(Logn)

SUBMIT





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BINARY TREES

A tree whose elements have at most 2 children is called a binary tree. Since each element in a binary tree can have only 2 children, we typically name them the left and right child.



Notes:

Unlike Arrays, Linked Lists, Stack and queues, which are linear data structures, trees are hierarchical data structures.

Tree Vocabulary: The topmost node is called root of the tree. The elements that are directly under an element are called its children. The element directly above something is called its parent. For example, 'a' is a child of 'f', and 'f' is the parent of 'a'. Finally, elements with no children are called leaves.

[NEXT LECTURE](#)





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Freelancer needed for Database Project

Project: Hospital Management System

Description: A patient will have a unique Patient ID. Full description about the patient about personal detail and phone number, and then Disease and what treatment t is going on. The doctor will handle patients, One doctor can Treat more than 1 patient. Also, each doctor will have ...

Freelancer needed for Database Project

Project: Designing and ER Diagra

Description: It will meet the information needs of its training program. Clearly indicate the entities, relationships and key constraints. The description ...





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