

# Database Programming With C

Writing My Own Database From Scratch - Writing My Own Database From Scratch 42 minutes - First episode of the #mkown series. In this video I write my own SQL **database**, from scratch without using any libraries or third ...

What is Mkown?

What Do We Know About Databases?

Research Time Lapse

Initial Ideas

Naive Storage Format

Why Binary Trees Are Not Enough For Indexes

Why B-Trees Are Better Than Binary Trees

Software Architecture

Dev Time Lapse

Project Demo

Database Internals

File System Structure

Slotted Pages

Rows, Tables And Indexes

Overflow Pages

Sophisticated BTree Balancing Algorithm

Parsing and AST (Abstract Syntax Tree)

Query Planner

K-Way External Merge Sort

Cache Replacement Algorithm

Transactions: Commit & Rollback

Network Protocol

Final Thoughts

C Language Tutorial for Beginners (with Notes \u0026 Practice Questions) - C Language Tutorial for Beginners (with Notes \u0026 Practice Questions) 10 hours, 32 minutes - Early bird offer for first 5000 students only! International Student (payment link) - <https://buy.stripe.com/7sI00cdru0tg10saEQ> ...

Introduction

Installation(VS Code)

Compiler + Setup

Chapter 1 - Variables, Data types + Input/Output

Chapter 2 - Instructions \u0026 Operators

Chapter 3 - Conditional Statements

Chapter 4 - Loop Control Statements

Chapter 5 - Functions \u0026 Recursion

Chapter 6 - Pointers

Chapter 7 - Arrays

Chapter 8 - Strings

Chapter 9 - Structures

Chapter 10 - File I/O

Chapter 11 - Dynamic Memory Allocation

Data types in C.#coding #programming #interview #clanguage - Data types in C.#coding #programming #interview #clanguage by Everything\_AllinOne 142,249 views 1 year ago 6 seconds – play Short

C Programming Tutorial 40 - Files - Creating a Simple Database - Part 1 - C Programming Tutorial 40 - Files - Creating a Simple Database - Part 1 9 minutes, 59 seconds - Thank you for Watching!! Please, Subscribe!!

SQL - Complete Course in 3 Hours | SQL One Shot using MySQL - SQL - Complete Course in 3 Hours | SQL One Shot using MySQL 3 hours, 16 minutes - Early bird offer for first 5000 students only! International Student (payment link) - <https://buy.stripe.com/7sI00cdru0tg10saEQ> ...

Start

Introduction to SQL

What is database?

Types of databases

Installation of MySQL

Database Structure

What is table?

Creating our first database

Creating our first table

SQL Datatypes

Types of SQL Commands

Database related queries

Table related queries

SELECT Command

INSERT Command

Practice Questions

Keys

Constraints

SELECT Command in Detail

Where Clause

Operators

Limit Clause

Order By Clause

Aggregate Functions

Group By Clause

Practice Questions

Having Clause

General Order of Commands

UPDATE Command

DELETE Command

Revisiting Foreign Keys

Cascading Foreign Keys

ALTER Command

CHANGE and MODIFY Commands

TRUNCATE Command

JOINS in SQL

UNION in SQL

SQL Sub Queries

MySQL Views

0729 Working with Laravel 12 Projects - 0729 Working with Laravel 12 Projects 3 minutes, 40 seconds - 0729 Working with Laravel 12 Projects - Setup Project - CRUD Unit - Create **Database**, - Make Model, Controller and View ...

#3: Data Types in C Programming | C Programming for Beginners - #3: Data Types in C Programming | C Programming for Beginners 9 minutes, 47 seconds - Step by step video tutorials to learn **C Programming**, for absolute beginners! In this video, we will be learning about **data**, types in ...

Start

Different Data Types

Data Type: int

Data Type: float and double

Data Type: char

sizeof() Operator

A DB server in C - A DB server in C 10 hours, 30 minutes - High quality 1080p. This is a **C programming**, composite video consisting of the first six episodes of the series \"Create your own ...

Intro

Designing your own database

Coding a binary tree

Coding a fast Redis database server

Keep writing a faster-than-Redis DB server

Coding a Pretty-printer

A linear search algorithm

Top 5 Data Structures for interviews - Top 5 Data Structures for interviews by Sahil \u0026 Sarra 243,595 views 1 year ago 46 seconds – play Short - Top five **data**, structures from 127 interviews that I gave at number five we have a heap a heap is used when you want to get the ...

C\_10 Data Types in C - Part 1 | C Programming Tutorials for Beginners - C\_10 Data Types in C - Part 1 | C Programming Tutorials for Beginners 19 minutes - This video talks about different **Data**, Types in **C**, language. Best **C Programming**, Tutorials ...

Introduction

Data Type

Data Types

Integer

Character

Float

Database programming in C (PRO\*C) - Database programming in C (PRO\*C) 5 minutes, 18 seconds - Running a pro\*c, program (**Database programming**, in C, using oracle as BackEnd) in Microsoft visual studio for Beginners.....u can ...

Simple SQL code || Structured Query Language || SQL || RDBMS #programming - Simple SQL code || Structured Query Language || SQL || RDBMS #programming by WeDoCoding 183,548 views 2 years ago 17 seconds – play Short

Thinking about which programming language to start with? #shorts #fullstack - Thinking about which programming language to start with? #shorts #fullstack by Error Makes Clever 1,130,700 views 11 months ago 41 seconds – play Short - Which **Programming**, Language to choose First? Choosing your first **programming**, language? If you're a student aiming for a ...

C# Database Programming for Beginners | Part 1 - Creating a SQL Server Database - C# Database Programming for Beginners | Part 1 - Creating a SQL Server Database 7 minutes, 37 seconds - In this series, we'll create a Windows Forms desktop application that reads and writes **data**, in a SQL Server **database**.. We'll learn ...

C Programming Tutorial # 40 - Files - Creating a Simple Database - Part 1 [HD] - C Programming Tutorial # 40 - Files - Creating a Simple Database - Part 1 [HD] 10 minutes, 2 seconds - Visit <http://www.CPlusPlusTutor.com> In this tutorial we learn to create a **database**.. We write a small program which inputs some ...

Master One Programming Language for Career Success! ? #programming #coding - Master One Programming Language for Career Success! ? #programming #coding by Error Makes Clever 1,681,536 views 1 year ago 40 seconds – play Short - Are you trying to learn multiple **programming**, languages at once? STOP! Instead of rushing through Java, C++, and Python in just ...

SQL Explained in 100 Seconds - SQL Explained in 100 Seconds 2 minutes, 23 seconds - Learn the fundamentals of Structured Query Language SQL! Even though it's over 40 years old, the world's most popular ...

Intro

History

Relational Database

SQL Role

Syntax

Outro

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Playback

General

Subtitles and closed captions

Spherical videos

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