

Algorithms Notes for Professionals

book

Chapters

- Chapter 1: Getting started with algorithms
- Chapter 2: Algorithm Complexity
- Chapter 3: Big-O Notation
- Chapter 4: Trees
- Chapter 5: Binary Search Trees
- Chapter 6: Check if a tree is BST or not
- Chapter 7: Binary Tree traversals
- Chapter 8: Lowest common ancestor of a Binary Tree
- Chapter 9: Graph
- Chapter 10: Graph Traversals
- Chapter 11: Dijkstra's Algorithm
- Chapter 12: A* Pathfinding
- Chapter 13: A* Pathfinding Algorithm
- Chapter 14: Dynamic Programming
- Chapter 15: Applications of Dynamic Programming
- Chapter 16: Kruskal's Algorithm
- Chapter 17: Greedy Algorithms
- Chapter 18: Applications of Greedy technique
- Chapter 19: Prim's Algorithm
- Chapter 20: Bellman-Ford Algorithm
- Chapter 21: Line Algorithm
- Chapter 22: Floyd-Warshall Algorithm
- Chapter 23: Catalan Number Algorithm
- Chapter 24: Multithreaded Algorithms
- Chapter 25: Knuth Morris Pratt (KMP) Algorithm
- Chapter 26: Edit Distance Dynamic Algorithm
- Chapter 27: Online algorithms
- Chapter 28: Sorting
- Chapter 29: Bubble Sort
- Chapter 30: Merge Sort
- Chapter 31: Insertion Sort
- Chapter 32: Bucket Sort
- Chapter 33: Quicksort
- Chapter 34: Counting Sort
- Chapter 35: Heap Sort
- Chapter 36: Cycle Sort
- Chapter 37: Odd-Even Sort
- Chapter 38: Selection Sort
- Chapter 39: Searching
- Chapter 40: Substring Search
- Chapter 41: Breadth-First Search
- Chapter 42: Depth First Search
- Chapter 43: Hash Functions
- Chapter 44: Travelling Salesman
- Chapter 45: Knapsack Problem
- Chapter 46: Equation Solving
- Chapter 47: Longest Common Subsequence
- Chapter 48: Longest Increasing Subsequence
- Chapter 49: Check two strings are anagrams

Android™ Notes for Professionals

book

Chapters

- Chapter 1: Getting started with Android
- Chapter 2: Android Studio
- Chapter 3: Instant Run in Android Studio
- Chapter 4: TextView
- Chapter 5: AutoCompleteTextView
- Chapter 6: Autosizing TextViews
- Chapter 7: ListView
- Chapter 8: Layouts
- Chapter 9: ConstraintLayout
- Chapter 10: TextInputLayout
- Chapter 11: CoordinatorLayout and Behaviors
- Chapter 12: TabLayout
- Chapter 13: ViewPager
- Chapter 14: CardView
- Chapter 15: NavigationView
- Chapter 16: RecyclerView
- Chapter 17: RecyclerView Decorations
- Chapter 18: RecyclerView onClickListeners
- Chapter 19: RecyclerView and LayoutManagers
- Chapter 20: Pagination in RecyclerView
- Chapter 21: ImageView
- Chapter 22: VideoView
- Chapter 23: Optimized VideoView
- Chapter 24: WebView
- Chapter 25: SearchView
- Chapter 26: BottomNavigationView
- Chapter 27: Canvas drawing using SurfaceView
- Chapter 28: Creating Custom Views
- Chapter 29: Getting Calculated View Dimensions
- Chapter 30: Adding a FuseView to an Android Project
- Chapter 31: Supporting Screens With Different Resolutions, Sizes
- Chapter 32: ViewFlipper
- Chapter 33: Design Patterns
- Chapter 34: Activity
- Chapter 35: Activity Recognition
- Chapter 36: Split Screen / Multi-Screen Activities
- Chapter 37: Material Design
- Chapter 38: Resources
- Chapter 39: Data Binding Library
- Chapter 40: SharedPreferences
- Chapter 41: Intent
- Chapter 42: Fragments
- Chapter 43: Button
- Chapter 44: Emulator
- Chapter 45: Service
- Chapter 46: The Manifest File
- Chapter 47: Gradle for Android

Bash Notes for Professionals book

Chapters

- Chapter 1: Getting started with Bash
- Chapter 2: Script shebang
- Chapter 3: Navigating directories
- Chapter 4: Listing Files
- Chapter 5: Using cat
- Chapter 6: Grep
- Chapter 7: Aliasing
- Chapter 8: Jobs and Processes
- Chapter 9: Redirection
- Chapter 10: Control Structures
- Chapter 11: true, false and : commands
- Chapter 12: Arrays
- Chapter 13: Associative arrays
- Chapter 14: Functions
- Chapter 15: Bash Parameter Expansion
- Chapter 16: Copying (cp)
- Chapter 17: Find
- Chapter 18: Using sort
- Chapter 19: Sourcing
- Chapter 20: Here documents and here strings
- Chapter 21: Quoting
- Chapter 22: Conditional Expressions
- Chapter 23: Scripting with Parameters
- Chapter 24: Bash history substitutions
- Chapter 25: Math
- Chapter 26: Bash Arithmetic
- Chapter 27: Scoping
- Chapter 28: Process substitution
- Chapter 29: Programmable completion
- Chapter 30: Customizing PS1
- Chapter 31: Brace Expansion
- Chapter 32: getopt : smart positional-parameter parsing
- Chapter 33: Debugging
- Chapter 34: Pattern matching and regular expressions
- Chapter 35: Change shell
- Chapter 36: Internal variables
- Chapter 37: Job Control
- Chapter 38: Case statement
- Chapter 39: Read a file (data stream, variable) line-by-line (and/or field-by-field)?
- Chapter 40: File execution sequence
- Chapter 41: Splitting Files
- Chapter 42: File Transfer using scp
- Chapter 43: Pipelines
- Chapter 44: Managing PATH environment variable
- Chapter 45: Word splitting
- Chapter 46: Avoiding date using printf
- Chapter 47: Using "trap" to react to signals and system events

C Programming Notes for Professionals book

Chapters

- Chapter 1: Getting started with C Language
- Chapter 2: Comments
- Chapter 3: Data Types
- Chapter 4: Operators
- Chapter 5: Boolean
- Chapter 6: Strings
- Chapter 7: Literals for numbers, characters and strings
- Chapter 8: Compound Literals
- Chapter 9: Bit-fields
- Chapter 10: Arrays
- Chapter 11: Linked lists
- Chapter 12: Enumerations
- Chapter 13: Structs
- Chapter 14: Standard Math
- Chapter 15: Iteration Statements/Loops: for, while, do-while
- Chapter 16: Selection Statements
- Chapter 17: Initialization
- Chapter 18: Declaration vs Definition
- Chapter 19: Command-line arguments
- Chapter 20: Files and I/O streams
- Chapter 21: Formatted Input/Output
- Chapter 22: Pointers
- Chapter 23: Sequence points
- Chapter 24: Function Pointers
- Chapter 25: Function Parameters
- Chapter 26: Pass 2D-arrays to functions
- Chapter 27: Error handling
- Chapter 28: Undefined behavior
- Chapter 29: Random Number Generation
- Chapter 30: Preprocessor and Macros
- Chapter 31: Signal handling
- Chapter 32: Variable arguments
- Chapter 33: Assertion
- Chapter 34: Generic selection
- Chapter 35: X-macros
- Chapter 36: Aliasing and effective type
- Chapter 37: Compilation
- Chapter 38: Inline assembly
- Chapter 39: Identifier Scope
- Chapter 40: Implicit and Explicit Conversions
- Chapter 41: Type Qualifiers
- Chapter 42: Typedef
- Chapter 43: Storage Classes
- Chapter 44: Declarations
- Chapter 45: Structure Padding and Packing
- Chapter 46: Memory management
- Chapter 47: Implementation-defined behaviour
- Chapter 48: Atomics

C++ Notes for Professionals book

Chapters

- Chapter 1: Getting started with C++
- Chapter 2: Literals
- Chapter 3: operator precedence
- Chapter 4: Floating Point Arithmetic
- Chapter 5: Bit Operators
- Chapter 6: Bit Manipulation
- Chapter 7: Bit fields
- Chapter 8: Arrays
- Chapter 9: Iterators
- Chapter 10: Basic input/output in c++
- Chapter 11: Loops
- Chapter 12: File I/O
- Chapter 13: C++ Streams
- Chapter 14: Stream manipulators
- Chapter 15: Flow Control
- Chapter 16: Metaprogramming
- Chapter 17: const keyword
- Chapter 18: mutable keyword
- Chapter 19: Friend keyword
- Chapter 20: Type Keywords
- Chapter 21: Basic Type Keywords
- Chapter 22: Variable Declaration Keywords
- Chapter 23: Keywords
- Chapter 24: Returning several values from a function
- Chapter 25: Polymorphism
- Chapter 26: References
- Chapter 27: Value and Reference Semantics
- Chapter 28: C++ function "call by value" vs. "call by reference"
- Chapter 29: Copying vs Assignment
- Chapter 30: Pointers
- Chapter 31: Pointers to members
- Chapter 32: The This Pointer
- Chapter 33: Smart Pointers
- Chapter 34: Classes/Structures
- Chapter 35: Function Overloading
- Chapter 36: Operator Overloading
- Chapter 37: Function Template Overloading
- Chapter 38: Virtual Member Functions
- Chapter 39: Inline functions
- Chapter 40: Special Member Functions
- Chapter 41: Non-Static Member Functions
- Chapter 42: Constant class member functions
- Chapter 43: C++ Containers
- Chapter 44: Namespaces
- Chapter 45: Header Files
- Chapter 46: Using declaration
- Chapter 47: std::string
- Chapter 48: std::array
- Chapter 49: std::vector

C# Notes for Professionals book

Chapters

- Chapter 1: Getting started with C# Language
- Chapter 2: Literals
- Chapter 3: Operators
- Chapter 4: Conditional Statements
- Chapter 5: Equality Operator
- Chapter 6: Equals and GetHashCode
- Chapter 7: Null-Coalescing Operator
- Chapter 8: Null-conditional Operators
- Chapter 9: nameof Operator
- Chapter 10: Verbatim Strings
- Chapter 11: Common String Operations
- Chapter 12: String.Format
- Chapter 13: String Concatenate
- Chapter 14: String Manipulation
- Chapter 15: String Interpolation
- Chapter 16: String Escape Sequences
- Chapter 17: StringBuilder
- Chapter 18: Regex Parsing
- Chapter 19: DateTime Methods
- Chapter 20: Arrays
- Chapter 21: O(n) Algorithm for circular rotation of an array
- Chapter 22: Enum
- Chapter 23: Tuples
- Chapter 24: Guid
- Chapter 25: BigInteger
- Chapter 26: Collection Initializers
- Chapter 27: An overview of C# collections
- Chapter 28: Looping
- Chapter 29: Iterators
- Chapter 30: IEnumerable
- Chapter 31: Value type vs Reference type
- Chapter 32: Built-in Types
- Chapter 33: Aliases of built-in types
- Chapter 34: Anonymous types
- Chapter 35: Dynamic type
- Chapter 36: Type Conversion
- Chapter 37: Casting
- Chapter 38: Nullable types
- Chapter 39: Constructors and Finalizers
- Chapter 40: Access Modifiers
- Chapter 41: Interfaces
- Chapter 42: Static Classes
- Chapter 43: Singleton Implementation
- Chapter 44: Dependency Injection
- Chapter 45: Partial class and methods
- Chapter 46: Object initializers
- Chapter 47: Methods
- Chapter 48: Extension Methods
- Chapter 49: Named Arguments
- Chapter 50: Named and Optional Arguments

Excel® VBA Notes for Professionals

book

Chapters

- Chapter 1: Getting started with Excel VBA
- Chapter 2: Arrays
- Chapter 3: Conditional statements
- Chapter 4: Ranges and Cells
- Chapter 5: Named Ranges
- Chapter 6: Merged Cells / Ranges
- Chapter 7: Locating duplicate values in a range
- Chapter 8: User Defined Functions (UDFs)
- Chapter 9: Conditional formatting using VBA
- Chapter 10: Workbooks
- Chapter 11: Working with Excel Tables in VBA
- Chapter 12: Loop through all Sheets in Active Workbook
- Chapter 13: Use Worksheet object and not Sheet object
- Chapter 14: Methods for Finding the Last Used Row or Column in a Worksheet
- Chapter 15: Creating a drop-down menu in the Active Worksheet with a Combo Box
- Chapter 16: File System Object
- Chapter 17: Pivot Tables
- Chapter 18: Binding
- Chapter 19: autofilter ; Uses and best practices
- Chapter 20: Application object
- Chapter 21: Charts and Charting
- Chapter 22: CustomDocumentProperties in practice
- Chapter 23: PowerPoint Integration Through VBA
- Chapter 24: How to record a Macro
- Chapter 25: SQL in Excel VBA - Best Practices
- Chapter 26: Excel-VBA Optimization
- Chapter 27: VBA Security
- Chapter 28: Debugging and Troubleshooting
- Chapter 29: VBA Best Practices
- Chapter 30: Excel VBA Tips and Tricks
- Chapter 31: Common Mistakes

Git® Notes for Professionals book

Chapters

- Chapter 1: Getting started with Git
- Chapter 2: Browsing the history
- Chapter 3: Working with Remotes
- Chapter 4: Staging
- Chapter 5: Ignoring Files and Folders
- Chapter 6: Git Diff
- Chapter 7: Undoing
- Chapter 8: Merging
- Chapter 9: Submodules
- Chapter 10: Committing
- Chapter 11: Aliases
- Chapter 12: Rebasing
- Chapter 13: Configuration
- Chapter 14: Branching
- Chapter 15: Rev-List
- Chapter 16: Squashing
- Chapter 17: Cherry Picking
- Chapter 18: Recovering
- Chapter 19: Git Clean
- Chapter 20: Using a .gitattributes file
- Chapter 21: .mailmap file: Associating contributor and email aliases
- Chapter 22: Analyzing types of workflows
- Chapter 23: Pulling
- Chapter 24: Hooks
- Chapter 25: Cloning Repositories
- Chapter 26: Stashing
- Chapter 27: Subtrees
- Chapter 28: Renaming
- Chapter 29: Pushing
- Chapter 30: Internals
- Chapter 31: git-tfs
- Chapter 32: Empty directories in Git
- Chapter 33: git-svn
- Chapter 34: Archive
- Chapter 35: Rewriting history with filter-branch
- Chapter 36: Migrating to Git
- Chapter 37: Show
- Chapter 38: Resolving merge conflicts
- Chapter 39: Bundles
- Chapter 40: Display commit history graphically with Gitk
- Chapter 41: Bisecting/Finding faulty commits
- Chapter 42: Blaming
- Chapter 43: Git revisions syntax
- Chapter 44: Worktrees
- Chapter 45: Git Remote
- Chapter 46: Git Large File Storage (LFS)
- Chapter 47: Git Patch
- Chapter 48: Git statistics
- Chapter 49: git send-email

iOS® Developer Notes for Professionals book

Chapters

- Chapter 1: Getting started with iOS Development
- Chapter 2: UILabel
- Chapter 3: UILabel text underlining
- Chapter 4: attributedText in UILabel
- Chapter 5: UIButton
- Chapter 6: UIDatePicker
- Chapter 7: UILocalNotification
- Chapter 8: UIImage
- Chapter 9: Convert NSAttributedString to UIImage
- Chapter 10: UIImagePickerController
- Chapter 11: UIImageView
- Chapter 12: Resizing UIImage
- Chapter 13: Cut a UIImage into a circle
- Chapter 14: UITableView
- Chapter 15: UITableViewController
- Chapter 16: UIRefreshControl TableView
- Chapter 17: UITableViewCell
- Chapter 18: Custom methods of selection of UITableViewCells
- Chapter 19: Custom methods of selection of UITableViewCells
- Chapter 20: UIView
- Chapter 21: Snapshot of UIView
- Chapter 22: UIAlertController
- Chapter 23: UIColor
- Chapter 24: UITextView
- Chapter 25: UITextField Delegate
- Chapter 26: UINavigationController
- Chapter 27: UIGestureRecognizer
- Chapter 28: UIBarButtonItem
- Chapter 29: UIScrollView
- Chapter 30: UIStackView
- Chapter 31: Dynamically updating a UIStackView
- Chapter 32: UIScrollView with StackView child
- Chapter 33: UIScrollView AutoLayout
- Chapter 34: UITextField
- Chapter 35: Custom UITextField
- Chapter 36: UIViewController
- Chapter 37: UISwitch
- Chapter 38: UICollectionView
- Chapter 39: UISearchController
- Chapter 40: UITabBarController
- Chapter 41: UIWebView
- Chapter 42: UIActivityViewController
- Chapter 43: UIControl - Event Handling with Blocks
- Chapter 44: UISplitViewController
- Chapter 45: UISlider
- Chapter 46: UIStoryboard
- Chapter 47: UIPageViewController

Java® Notes for Professionals

book

Chapters

- Chapter 1: Getting started with Java Language
- Chapter 2: Type Conversion
- Chapter 3: Getters and Setters
- Chapter 4: Reference Data Types
- Chapter 5: Java Compiler - 'javac'
- Chapter 6: Documenting Java Code
- Chapter 7: Command line Argument Processing
- Chapter 8: The Java Command - 'java' and 'javaw'
- Chapter 9: Literals
- Chapter 10: Primitive Data Types
- Chapter 11: Strings
- Chapter 12: StringBuffer
- Chapter 13: StringBuilder
- Chapter 14: String Tokenizer
- Chapter 15: Splitting a string into fixed length parts
- Chapter 16: Date Class
- Chapter 17: Dates and Time (java.time.*)
- Chapter 18: LocalTime
- Chapter 19: BigDecimal
- Chapter 20: BigInteger
- Chapter 21: NumberFormat
- Chapter 22: Bit Manipulation
- Chapter 23: Arrays
- Chapter 24: Collections
- Chapter 25: Lists
- Chapter 26: Sets
- Chapter 27: List vs Set
- Chapter 28: Maps
- Chapter 29: LinkedHashMap
- Chapter 30: WeakHashMap
- Chapter 31: SortedMap
- Chapter 32: TreeMap and TreeSet
- Chapter 33: Queues and Deques
- Chapter 34: Dequeue Interface
- Chapter 35: Enums
- Chapter 36: Enum Map
- Chapter 37: EnumSet class
- Chapter 38: Enum starting with number
- Chapter 39: Hashtable
- Chapter 40: Operators
- Chapter 41: Constructors
- Chapter 42: Object Class Methods and Constructor
- Chapter 43: Annotations
- Chapter 44: Immutable Class
- Chapter 45: Immutable Objects
- Chapter 46: Visibility (controlling access to members of a class)
- Chapter 47: Generics
- Chapter 48: Classes and Objects

JavaScript® Notes for Professionals book

Chapters

- Chapter 1: Getting started with JavaScript
- Chapter 2: JavaScript Variables
- Chapter 3: Built-in Constants
- Chapter 4: Comments
- Chapter 5: Console
- Chapter 6: Datatypes in JavaScript
- Chapter 7: Strings
- Chapter 8: Date
- Chapter 9: Date Comparison
- Chapter 10: Comparison Operations
- Chapter 11: Conditions
- Chapter 12: Arrays
- Chapter 13: Objects
- Chapter 14: Arithmetic (Math)
- Chapter 15: Bitwise operators
- Chapter 16: Constructor functions
- Chapter 17: Declarations and Assignments
- Chapter 18: Loops
- Chapter 19: Functions
- Chapter 20: Functional JavaScript
- Chapter 21: Prototypes, objects
- Chapter 22: Classes
- Chapter 23: Namespacing
- Chapter 24: Context (this)
- Chapter 25: Setters and Getters
- Chapter 26: Events
- Chapter 27: Inheritance
- Chapter 28: Method Chaining
- Chapter 29: Callbacks
- Chapter 30: Intervals and Timeouts
- Chapter 31: Regular expressions
- Chapter 32: Cookies
- Chapter 33: Web Storage
- Chapter 34: Data attributes
- Chapter 35: JSON
- Chapter 36: AJAX
- Chapter 37: Enumerations
- Chapter 38: Map
- Chapter 39: Timestamps
- Chapter 40: Unary Operators
- Chapter 41: Generators
- Chapter 42: Promises
- Chapter 43: Set
- Chapter 44: Modals - Prompts
- Chapter 45: execCommand and contenteditable
- Chapter 46: History
- Chapter 47: Navigator Object
- Chapter 48: BOM (Browser Object Model)
- Chapter 49: The Event Loop

Kotlin® Notes for Professionals

book

Chapters

- Chapter 1: Getting started with Kotlin
- Chapter 2: Basics of Kotlin
- Chapter 3: Strings
- Chapter 4: Arrays
- Chapter 5: Collections
- Chapter 6: Enum
- Chapter 7: Functions
- Chapter 8: Vararg Parameters in Functions
- Chapter 9: Conditional Statements
- Chapter 10: Loops in Kotlin
- Chapter 11: Ranges
- Chapter 12: Regex
- Chapter 13: Basic Lambdas
- Chapter 14: Null Safety
- Chapter 15: Class Delegation
- Chapter 16: Class Inheritance
- Chapter 17: Visibility Modifiers
- Chapter 18: Generics
- Chapter 19: Interfaces
- Chapter 20: Singleton objects
- Chapter 21: coroutines
- Chapter 22: Annotations
- Chapter 23: Type aliases
- Chapter 24: Type-Safe Builders
- Chapter 25: Delegated properties
- Chapter 26: Reflection
- Chapter 27: Extension Methods
- Chapter 28: DSL Building
- Chapter 29: Idioms
- Chapter 30: RecyclerView in Kotlin
- Chapter 31: logging in kotlin
- Chapter 32: Exceptions
- Chapter 33: JUnit
- Chapter 34: Kotlin Android Extensions
- Chapter 35: Kotlin for Java Developers
- Chapter 36: Java 8 Stream Equivalents
- Chapter 37: Kotlin Caveats
- Appendix A: Configuring Kotlin build

Microsoft® SQL Server® Notes for Professionals book

Chapters

- Chapter 1: Getting started with Microsoft SQL Server
- Chapter 2: Data Types
- Chapter 3: Converting data types
- Chapter 4: User Defined Table Types
- Chapter 5: SELECT statement
- Chapter 6: Alias Names in SQL Server
- Chapter 7: NULLs
- Chapter 8: Variables
- Chapter 9: Dates
- Chapter 10: Generating a range of dates
- Chapter 11: Database Snapshots
- Chapter 12: COALESCE
- Chapter 13: IF...ELSE
- Chapter 14: CASE Statement
- Chapter 15: INSERT INTO
- Chapter 16: MERGE
- Chapter 17: CREATE VIEW
- Chapter 18: Views
- Chapter 19: UNION
- Chapter 20: TRY/CATCH
- Chapter 21: WHILE loop
- Chapter 22: OVER Clause
- Chapter 23: GROUP BY
- Chapter 24: ORDER BY
- Chapter 25: The STUFF Function
- Chapter 26: JSON in SQL Server
- Chapter 27: OPENJSON
- Chapter 28: FOR JSON
- Chapter 29: Queries with JSON data
- Chapter 30: Storing JSON in SQL tables
- Chapter 31: Modify JSON text
- Chapter 32: FOR XML PATH
- Chapter 33: Join
- Chapter 34: cross apply
- Chapter 35: Computed Columns
- Chapter 36: Common Table Expressions
- Chapter 37: Move and copy data around tables
- Chapter 38: Limit Result Set
- Chapter 39: Retrieve Information about your Instance
- Chapter 40: With Ties Option
- Chapter 41: String Functions
- Chapter 42: Logical Functions
- Chapter 43: Aggregate Functions
- Chapter 44: String Aggregate functions in SQL Server
- Chapter 45: Ranking Functions
- Chapter 46: Window functions
- Chapter 47: PIVOT / UNPIVOT

MySQL® Notes for Professionals

book

Chapters

- Chapter 1: Getting started with MySQL
- Chapter 2: Data Types
- Chapter 3: SELECT
- Chapter 4: Backticks
- Chapter 5: NULL
- Chapter 6: Limit and Offset
- Chapter 7: Creating databases
- Chapter 8: Using Variables
- Chapter 9: Comment MySQL
- Chapter 10: INSERT
- Chapter 11: DELETE
- Chapter 12: UPDATE
- Chapter 13: ORDER BY
- Chapter 14: Group By
- Chapter 15: Error 1055: ONLY_FULL_GROUP_BY:
something is not in GROUP BY clause ...
- Chapter 16: Joins
- Chapter 17: JOINS: Join 3 table with the same name
of id.
- Chapter 18: UNION
- Chapter 19: Arithmetic
- Chapter 20: String operations
- Chapter 21: Date and Time Operations
- Chapter 22: Handling Time Zones
- Chapter 23: Regular Expressions
- Chapter 24: VIEW
- Chapter 25: Table Creation
- Chapter 26: ALTER TABLE
- Chapter 27: Drop Table
- Chapter 28: MySQL LOCK TABLE
- Chapter 29: Error codes
- Chapter 30: Stored routines (procedures and
functions)
- Chapter 31: Indexes and Keys
- Chapter 32: Full-Text search
- Chapter 33: PREPARE Statements
- Chapter 34: JSON
- Chapter 35: Extract values from JSON type
- Chapter 36: MySQL Admin
- Chapter 37: TRIGGERS
- Chapter 38: Configuration and tuning
- Chapter 39: Events
- Chapter 40: ENUM
- Chapter 41: Install Mysql container with Docker-
Compose
- Chapter 42: Character Sets and Collations
- Chapter 43: MyISAM Engine
- Chapter 44: Converting from MyISAM to InnoDB
- Chapter 45: Transaction

Node.js Notes for Professionals

book

Chapters

- Chapter 1: Getting started with Node.js
- Chapter 2: npm
- Chapter 3: Web Apps With Express
- Chapter 4: Filesystem I/O
- Chapter 5: Exporting and Consuming Modules
- Chapter 6: Exporting and Importing Module in node.js
- Chapter 7: How modules are loaded
- Chapter 8: Cluster Module
- Chapter 9: Readline
- Chapter 10: package.json
- Chapter 11: Event Emitters
- Chapter 12: Autoreload on changes
- Chapter 13: Environment
- Chapter 14: Callback to Promise
- Chapter 15: Executing files or commands with Child Processes
- Chapter 16: Exception handling
- Chapter 17: Keep a node application constantly running
- Chapter 18: Uninstalling Node.js
- Chapter 19: nvm - Node Version Manager
- Chapter 20: http
- Chapter 21: Using Streams
- Chapter 22: Deploying Node.js applications in production
- Chapter 23: Securing Node.js applications
- Chapter 24: Mongoose Library
- Chapter 25: async.js
- Chapter 26: File upload
- Chapter 27: Socket.io communication
- Chapter 28: Mongodbs integration
- Chapter 29: Handling POST request in Node.js
- Chapter 30: Simple REST based CRUD API
- Chapter 31: Template frameworks
- Chapter 32: Node.js Architecture & Inner Workings
- Chapter 33: Debugging Node.js application
- Chapter 34: Node server without framework
- Chapter 35: Node.JS with ES6
- Chapter 36: Interacting with Console
- Chapter 37: Cassandra Integration
- Chapter 38: Creating API's with Node.js
- Chapter 39: Graceful Shutdown
- Chapter 40: Using IISNode to host Node.js Web Apps in IIS
- Chapter 41: CLI
- Chapter 42: NodeJS Frameworks
- Chapter 43: grunt
- Chapter 44: Using WebSocket's with Node.JS

Chapter 45: node-alarm-with

PHP Notes for Professionals book

Chapters

- Chapter 1: Getting started with PHP
- Chapter 2: Variables
- Chapter 3: Variable Scope
- Chapter 4: Superglobal Variables PHP
- Chapter 5: Outputting the Value of a Variable
- Chapter 6: Constants
- Chapter 7: Magic Constants
- Chapter 8: Comments
- Chapter 9: Types
- Chapter 10: Operators
- Chapter 11: References
- Chapter 12: Arrays
- Chapter 13: Array iteration
- Chapter 14: Executing Upon an Array
- Chapter 15: Manipulating an Array
- Chapter 16: Processing Multiple Arrays Together
- Chapter 17: Datetime Class
- Chapter 18: Working with Dates and Time
- Chapter 19: Control Structures
- Chapter 20: Loops
- Chapter 21: Functions
- Chapter 22: Functional Programming
- Chapter 23: Alternative Syntax for Control Structures
- Chapter 24: String formatting
- Chapter 25: String Parsing
- Chapter 26: Classes and Objects
- Chapter 27: Namespaces
- Chapter 28: Sessions
- Chapter 29: Cookies
- Chapter 30: Output Buffering
- Chapter 31: JSON
- Chapter 32: SOAP Client
- Chapter 33: Using cURL in PHP
- Chapter 34: Reflection
- Chapter 35: Dependency Injection
- Chapter 36: XML
- Chapter 37: SimpleXML
- Chapter 38: Parsing HTML
- Chapter 39: Regular Expressions (regexp/PCRE)
- Chapter 40: Traits
- Chapter 41: Composer Dependency Manager
- Chapter 42: Magic Methods
- Chapter 43: File handling
- Chapter 44: Streams
- Chapter 45: Type hinting
- Chapter 46: Filters & Filter Functions
- Chapter 47: Generators
- Chapter 48: UTF-8
- Chapter 49: Unicode Support in PHP
- Chapter 50: URLs

React JS Notes for Professionals

book

Chapters

- Chapter 1: Getting started with React
- Chapter 2: Components
- Chapter 3: Using ReactJS with TypeScript
- Chapter 4: State in React
- Chapter 5: Props in React
- Chapter 6: React Component Lifecycle
- Chapter 7: Forms and User Input
- Chapter 8: React Boilerplate [React + Babel + Webpack]
- Chapter 9: Using ReactJS with jQuery
- Chapter 10: React Routing
- Chapter 11: Communicate Between Components
- Chapter 12: How to setup a basic webpack, react and babel environment
- Chapter 13: React.createClass vs extends
React.Component
- Chapter 14: React AJAX call
- Chapter 15: Communication Between Components
- Chapter 16: Stateless Functional Components
- Chapter 17: Performance
- Chapter 18: Introduction to Server-Side Rendering
- Chapter 19: Setting Up React Environment
- Chapter 20: Using React with Flow
- Chapter 21: JSX
- Chapter 22: React Forms
- Chapter 23: User interface solutions
- Chapter 24: Using ReactJS in Flux way
- Chapter 25: React, Webpack & TypeScript installation
- Chapter 26: How and why to use keys in React
- Chapter 27: Keys in react
- Chapter 28: Higher Order Components
- Chapter 29: React with Redux
- Appendix A: Installation
- Appendix B: React Tools

React Native Notes for Professionals book

Chapters

- Chapter 1: Getting started with React Native
- Chapter 2: Hello World
- Chapter 3: Props
- Chapter 4: Multiple props rendering
- Chapter 5: Modal
- Chapter 6: State
- Chapter 7: Routing
- Chapter 8: Styling
- Chapter 9: Layout
- Chapter 10: Components
- Chapter 11: ListView
- Chapter 12: RefreshControl with ListView
- Chapter 13: WebView
- Chapter 14: Command Line Instructions
- Chapter 15: HTTP Requests
- Chapter 16: Platform Module
- Chapter 17: Images
- Chapter 18: Custom Fonts
- Chapter 19: Animation API
- Chapter 20: Android - Hardware Back Button
- Chapter 21: Run an app on device (Android Version)
- Chapter 22: Native Modules
- Chapter 23: Linking Native API
- Chapter 24: ESLint in React Native
- Chapter 25: Integration with Firebase for Authentication
- Chapter 26: Navigator Best Practices
- Chapter 27: Navigator with buttons injected from pages
- Chapter 28: Create a shareable APK for android
- Chapter 29: PushNotification
- Chapter 30: Render Best Practises
- Chapter 31: Debugging
- Chapter 32: Unit Testing

For more books check the comments section