



Learn.
Empower.
Evolve.

Certificate of Learning



FARIE DULLAH MARICAR U

Student ID: 48200B

has completed the following course

Full Stack Package: 12 Software Courses in 1 in Tamil

155hr,28min

Total Duration

844

No. of Lessons

All

Level of the Course

Issued on **27th January 2024**

Certificate Link: **[learnmall.in/cert/FHM148200B](https://www.learnmall.in/cert/FHM148200B)**



Learning Summary



FARIE DULLAH MARICAR U (Student ID: 48200B)

has completed the following course

" Full Stack Package: 12 Software Courses in 1 in Tamil "

- ▶ Course Segementation: **Development > Web Development > Full Stack**
- ▶ Duration: **155 hours 28 minutes**
- ▶ Level: **All**
- ▶ No. of Lessons: **844**
- ▶ Issue Date: **27th January 2024**

Certificate No: FHM148200B

Course Syllabus

▶ OOPs

- Class & Object
- Class and Object Program in Java
- Inheritance in OOPs
- Abstraction in OOPs
- Encapsulation in OOPs
- Polymorphism in OOPs
- What is a programming paradigm?
- Imperative Programming Paradigm
- Declarative Programming Paradigm
- Structured Programming Paradigm
- Structured vs Unstructured Programming Paradigm
- Why C language is called a Structured Programming language?

▶ C Programming

- C Introuction
- What is C Language?
- How To Install Sublime & GCC?
- How To Install Turbo C++?
- Hello World Program in C
- C Addition Part-1
- C Sample Program
- C Tokens
- C Data Types Sample Program
- C int DataType Sample Program
- C int Example
- C Formatted & Unformatted IO Functions
- C Escape Sequences
- C Escape Sequences Another Sample Program
- C Format Specifiers
- C Variables
- C Variable Naming Rules
- C Variable Program

- C Variable Program - 2
- C Global Variable Program
- C Static Variable Program
- C Local Variable Program
- C Keywords
- C Constants Basics
- C Integer Constants
- C Real Constants
- C Character Constants
- C Backslash Constants
- C Constants Program
- C Constants & Delimiters
- C Operators Basics
- C Arithmetic Operators
- C Arithmetic Operators Sample Program
- C Relational Operators
- C Relational Operators Another Example Program
- C Logical Operators
- C Logical Operators Another Example Program
- C Bitwise Operators
- C Bitwise Operator Another Example Program
- C Assignment Operators - 1
- C Assignment Operators - 2
- C Assignment Operators Another Example Program
- C Misc Operators
- C Unary Operators
- C Ternary Operators
- C Special Operators
- Addition Program in C
- C Conditional Statements Basics
- C if Statement
- C if else Statement
- C if else if Statement
- C Nested if Statement
- C Conditional Program

- C Switch Rules Tutorial
- C Switch Program
- C Switch Program Part-1
- C Nested Switch Basics
- C Nested Switch Program
- C Switch Another Example Program
- C break statement
- Even Or Odd Number Program
- Armstrong Number Program
- 60 celsius to fahrenheit program
- Fibonacci Program
- Palindrome Program
- Sum of N Numbers
- Loop Concepts With Program
- C Array Basics Tutorial
- C Array Introduction
- How To Declare Array in C?
- How To Initialize Array in C?
- C Single Array Program
- 67 C 2d array intro tamil
- What is Multi-Dimensional Array in C?
- How To Initialize Multi-Dimensional Array in C?
- 2D Array Program
- 2D Array Program [Other Program]
- 3D Array
- C Pointers Basic Program
- C Pointers Expression Program
- Introduction To C Pointers Array
- C Pointers Selection Sort
- C Pointers Multi Dimensional Array Program
- What is Function in C? | Function Declaration | Function Definition
- C Function Prototypes
- Call By Value & Call By Reference Program
- How to pass arrays as functions?
- Introduction To C String
- C String Manipulation Program
- C Math Library
- C Type Library
- C Recursion Program
- Linear Search Theory
- Linear Search Implementation in C
- Binary Search Theory
- Binary Search Implementation in C
- Enum Theory & Program in C
- C Storage Class Use | Auto | Register
- C Storage Class | Static | Extern
- What is Structure? | Syntax | Rules | Usage | Rules
- Difference Between Union & Structure?
- C Structure Pointers Example
- How is memory optimized using bits?
- What is typedef in C?
- How to create custom header file and include it?
- How to type cast in C?

- Single Macro | Macro Functions | Use of Macros
- How to handle File read and write operations in C?
- C Conditional Basics
- C Conditional Statement Basics

► C++ Programming

- What is C++?
- Why To Use C++?
- C++ Uses
- Turbo C++ Installation
- C++ History
- C VS C++
- C++ Features
- C++ Variables
- C++ Input & Output
- C++ Operators Basics
- C++ Conditional Operators
- C++ Arithmetic Operators
- C++ Unary Operators
- C++ Assignment Operators
- C++ Relational Operators
- C++ Logical Operators
- C++ If Statements
- C++ If Else Statements
- C++ If Else If Ladder
- C++ Switch Statement
- C++ Function Tutorial
- C++ Function Recursion
- C++ Arrays
- C++ Pointers
- C++ while and do while loop
- C++ for loop
- C++ break statement
- C++ String
- C++ Class & Object
- Constructors Theory Part - 1
- Destructors Theory Part - 1
- C++ Scope Resolution Operator
- C++ Class & Object
- Access Specifiers & Uses
- this Operator Theory & Program
- How To Implement Class in C++?
- Introduction To Inheritance
- Inheritance Implementation
- Final Keyword Theory
- Final Keyword Implementation
- Inheritance & its Types
- Multiple Inheritance
- static keyword introduction
- static Implementation
- Introduction To Function Overloading
- Function Overloading Implementation
- Introduction To Operator Overloading
- Operator Overloading Implementation

- Operator Overloading Implementation Part - 2
- Introduction To Inline Function
- Inline Function Implementation
- Constructors Theory Part - 2
- Constructors Implementation
- Destructors Theory Part - 2
- Destructors Implementation
- String Operators Part - 1
- String Operators Part - 2
- String Operators Implementation
- String Operators Implementation Part - 2

► Python

- What is Python?
- Python Environment
- Python Installation
- Python IDE for Windows
- PyCharm Installation
- Python Hello World Program
- Python DataTypes
- Python Comments
- Python If Else
- Python If Else Program
- Python for loop
- Python for loop program
- Python for increment program
- Python String
- Python String Program
- Python List Theory
- Python List Program
- Python Tuples Theory
- Python Tuples Program
- Python Dictionary Theory
- Python Dictionary Program
- Python Set Theory
- Python Set Program
- Python Comparison
- Python Functions Theory
- Python Functions Program
- Python Exception Theory
- Python Exception Program
- Python Custom Exceptions
- Python Import
- Python Class Basics
- Python Static Method
- What is inheritance in Python?
- Python Inheritance Program Part - 1
- Python Inheritance Program Part - 2
- How to access private members in Python?
- Python File Operations
- Python File Operation Program Part - 1
- Python File Operation Program Part - 2
- Python Database Theory
- Python Database Practical Part - 1

- Python SQLite Database Practical Part - 2
- Python SQLite Database Practical Part - 3
- Python Abstract Class
- Python Abstract Class Program
- Python MySQL Database Practical
- Python Date & Time
- Python Regex Theory
- Python Regex Practical Program
- Python Iterator
- Python Decorator
- Python Decorator Program
- Python Map & Zip Theory
- Python Map & Zip Program
- Python Job Opportunities

► Java

- What is Java?
- Java History
- How Java got its name?
- Where is Java used?
- Java Application Types | Java Applications in Real World
- Java Features | Java Features with Examples
- How Java works internally?
- Why is Java platform independent?
- JVM vs JRE vs JDK
- NetBeans Installation
- JDK Installation
- Java OOPs concepts
- Java Class vs Object
- Structure of Java program | Anatomy of Java class
- Java Runtime Class
- How to create Java project in NetBeans?
- Java Naming Conventions
- What is Variable in Java?
- How to declare variable in Java | Java Variable Declaration
- Java Variable Naming Convention | Java Variable Naming Rules
- Java Memory Creation and Allocation
- Hello World Java Program
- Java Primitive Data Types
- Java byte DataType Program
- What are Java Operators?
- Java Logical Operators
- Java Arithmetic Operators
- Java Relational Operators
- Java Logical And Operator
- Java Logical Or Operator
- Java if statement
- Java if else statement
- Java if else if statement
- Java nested if statement
- Java Ternary Operator
- Java Switch Statement
- Java Break Statement

- Java comments
- Java Constructors
- What are Java Keywords?
- Java Loop Control Statements
- Java for Loop
- Java while Loop
- Java do while Loop
- Java import Statements
- Java Pass by Reference or Pass by Value
- Java Reference Variable | Java Object Creation
- Java Garbage collection
- Java Garbage Collection Sample Program
- Java Encapsulation
- Java Inheritance concepts
- Java Single Inheritance
- Java Multilevel Inheritance
- Java Hierarchical Inheritance
- Why Java doesn't support Multiple Inheritance?
- Java Method Overloading
- Java Access Modifiers
- Java Method Overriding
- Abstract class in Java
- Java Interface
- Java Object class
- Java static keyword | Java static methods
- What is String in Java?
- Java String Literal VS String Object
- Java String Program
- What is Regex in Java?
- Java Regex Pattern Class
- Java Program To Check Whether A Character is Alphabet Or Not
- Java Program To Check Whether Year Is Leap Or Not
- Java Program To Check Whether A Number Is Armstrong or Not
- Java Program To Check Whether A Number is Prime Or Not
- Java Program To Convert Inch To Cms
- Java program to check whether a number is ODD or EVEN
- Factorial Program in Java
- Linear Search Program in Java
- Java Variable Arguments
- Java Final Keyword
- Java Enum Keyword
- Java instanceof Operator
- Java Marker Interface
- Unicode in Java
- Java Unicode Program
- What is Java Exception?
- Java Exception methods
- try catch block in Java
- Multiple catch block in Java
- finally block in Java
- What is Java Collections?
- Java Collections Framework Benefits
- Java Collections Framework Hierarchy
- Java Collections Interface Methods
- Java Iterator Interface
- What is List Abstract Data Type?
- List Interface in Java
- Java List Interface Methods
- What is ArrayList in Java?
- Java ArrayList Constructors
- Java ArrayList Program
- When to use ArrayList in Java?
- What is LinkedList in Java?
- Java LinkedList Constructors
- Java LinkedList Features
- Java LinkedList Methods
- When to use LinkedList in Java?
- Java LinkedList Program
- ArrayList VS LinkedList in Java
- What is Set in Java? | Java Set
- Java Set Interface Methods
- What is HashSet in Java?
- Java HashSet Program
- Java HashSet Constructors
- What is LinkedHashSet in Java
- Java LinkedHashSet constructors
- Java LinkedHashSet capacity and load factor
- LinkedHashSet Program in Java
- What is TreeSet in Java?
- Java TreeSet Constructors
- Java TreeSet Program
- Compare HashSet, LinkedHashSet and TreeSet
- What is Map in Java?
- What is Map Interface in Java?
- Map Interface methods in Java
- What is Java HashMap
- Java HashMap Constructors
- Java HashMap Program in Java
- What is LinkedHashMap in Java?
- Java LinkedHashMap Program
- What is TreeMap in Java?
- TreeMap Java program
- HashMap vs LinkedHashMap vs TreeMap in Java
- What is Hashtable in Java?
- HashMap vs Hashtable in Java
- Stack in Java
- Priority Queue in Java
- Vector in Java
- What is Multitasking?
- What is Multithreading in Java?
- Java Thread Methods
- Java Thread Life Cycle | Thread Life Cycle in Java
- Multitasking Method
- How to create a thread in Java?
- Java Method Synchronization

- Java Threadgroup
- Java Deadlock
- Java Thread Join Method
- Java Thread Sleep
- Java IO Introduction
- Java FileOutputStream
- Java FileInputStream
- Java BufferedOutputStream
- Java BufferedInputStream
- Java SequenceInputStream
- Java FileWriter
- Java DataStream
- Java ByteArrayOutputStream
- Java InputStream vs Reader
- Java FileReader vs FileInputStream
- Java FileReader
- Java BufferedWriter
- Java Socket Programming
- Java Chat Application
- Java Object Class Importance & Uses
- How to convert String to Integer/int?
- How to convert int/Integer to String?
- Java LocalDate Class
- Java LocalTime Class
- Java LocalDateTime Class
- Java Date Class
- Java Calendar Class
- Java TimeZone Handling
- How to install MySQL?
- What is JDBC?
- Java - JDBC Driver Diagram
- Why should we use JDBC?
- Java Database Connection Steps Theory
- Java Database Connection Steps Sample Program
- How to create Database via Java Code?
- How to create Table via Java Code?
- How to insert values into table via Java Code?
- How to drop table via Java Code?
- How to update table records via Java Code?
- How to delete record via Java Code?
- Introduction To Java Reflection
- Java Class Methods Uses For Reflection
- How To Create A Class Instance Using Java Reflection?
- How To Access Class Private Members?
- Java Generic Method Program
- Java Generic Bound Function Program
- Java Generic Class
- Introduction To Java Serialization
- How To Serialize Object in Java?
- How To De-Serialize Object in Java?

► Selenium

- Software Testing Basics
- Selenium Basics

- System Requirements For Selenium
- Installation of Firefox And Add-ons for Selenium
- How To Open A Website In Selenium?
- Selenium WebDriver Methods
- Locators In Selenium WebDriver
- How To Test Text Box Using Selenium?
- How To Test CheckBox Using Selenium?
- How To Test Radio Button Using Selenium?
- How To Test Drop Down Using Selenium?
- How To Test Form Using Selenium?
- Validation Program in Selenium WebDriver
- How To Validate Alert Box and Confirm Box Using Selenium?
- How To Validate Prompt Box and Message Alert Using Selenium?
- How To Write XPATH In Selenium WebDriver?
- Handling Mouseover & Screenshot in Selenium
- Synchronization in Selenium WebDriver
- Iframe in Selenium WebDriver
- Robot API In Selenium WebDriver
- JXL in Selenium WebDriver
- JUnit in Selenium WebDriver
- JUnit in selenium Webdriver - Part B
- JUnit in selenium Webdriver - Part 3
- Introduction to TestNG Framework and Annotations
- Embedding selenium Script in TestNG Framework
- DataProvider in TestNG Framework
- Creating and Writing Data Using Apache POI in Selenium Webdriver
- Reading Data using Apache POI and Data-driven Test
- TestNG Framework Parallel and Cross-Browser Testing
- Group Testing Using TestNG Framework
- What is Apache Ant?
- Embedding Selenium Webdriver Script in Apache Ant
- What is Apache Maven?
- Embedding Selenium Webdriver Script in Apache Maven

► Software Design Patterns

- What are Software Design Patterns?
- What are Creational Design Patterns?
- Model View Controller (MVC)
- What is Singleton Design Pattern?
- Singleton Design Pattern Implementation in Java
- What is Factory Design Pattern?
- Factory Design Pattern implementation in Java
- What is Abstract Factory Design Pattern?
- Abstract Factory Design Pattern Java program
- What is Prototype Design Pattern?
- Prototype Design Pattern Program in Java
- What is Object Pool Design Pattern?
- What is Builder Design Pattern?
- What is Adapter Design Pattern?
- Adapter Design Pattern Java program
- Bridge Design Pattern real-time examples

- Bridge Design Pattern Java Implementation
- What is Composite Design Pattern?
- Composite Design Pattern Java Implementation
- Decorator Design Pattern
- Decorator Design Pattern Java Program
- Facade Design Pattern
- Facade Design Pattern in Java
- Flyweight Design Pattern
- Flyweight Design Pattern in Java
- Proxy Design Pattern
- Proxy Design Pattern in Java
- Visitor Design Pattern
- Chain of Responsibility Design Pattern
- Iterator Design Pattern
- Mediator Design Pattern in Java
- Memento Design Pattern
- Null Object Design Pattern
- Observer Design Pattern
- State Design Pattern
- Strategy Design Pattern
- Template Method Design Pattern

► HTML

- Introduction To HTML
- HTML Development Tools
- HTML Formatting Text Part-1
- HTML Formatting Text Part-2
- HTML Links
- HTML File Paths
- HTML Image Tag - Part 1
- HTML Image Tag - Part 2
- HTML Style & Color Tags
- HTML Style & Color Tags HTML Style & Color Tags Part - 2
- HTML Marquee Tag
- HTML Marquee Tag Attributes
- HTML Div Tag Part 1
- HTML Div Tag Part 2
- HTML Span Tag
- What Should We Learn In HTML?
- HTML Overflow, Float, Inline & Block
- HTML Overflow, Float, Inline & Block Part-2
- HTML Meta Tag Part 1
- HTML Meta Tag Part 2
- HTML Audio Tag Part - 1
- HTML Audio Tag Part - 2
- HTML Audio Tag Part - 3
- HTML Video Tag Part - 1
- HTML Video Tag Part - 2
- HTML Video Tag Part - 3
- HTML Comment Tag Part - 1
- HTML Comment Tag Part - 2
- HTML Entity URL Encode Part-1
- HTML XHTML CharSet
- HTML Code Elements

- HTML ID & Class Tutorial in Tamil Part-1
- HTML ID & Class Tutorial in Tamil Part-2
- HTML List in Tamil Part-1
- HTML List - Ordered List in Tamil Part-2
- HTML List - Unordered List in Tamil Part-3
- HTML List - Ordered & Unordered List Part-4
- HTML List - Description List Part-5
- HTML Table Tag Tutorial
- HTML Table Tag Part - 2 Tutorial
- HTML Table Tag Part - 3 Tutorial
- HTML Table Tag Part - 4 Tutorial
- HTML Table Tag Part - 5 Tutorial
- HTML Forms Basics Tutorial
- HTML Forms Input Tag Tutorial
- HTML Forms Part - 3 Tutorial
- HTML Forms Part - 4 Tutorial
- HTML Forms Part - 5 Tutorial
- HTML Forms Part - 6 Tutorial
- HTML Forms Part - 7 Tutorial
- HTML Forms Part - 8 Tutorial
- HTML Frame & IFrame Part - 1 Tutorial
- HTML Frame & IFrame Part - 2 Tutorial
- HTML Frame & IFrame Part - 3 Tutorial
- HTML Frame & IFrame Part - 4 Tutorial
- HTML Navigation Bar Part - 1 Tutorial
- HTML Navigation Bar Part - 2 Tutorial
- HTML Layout Part - 1 Tutorial
- HTML Layout Part - 2 Tutorial
- HTML Layout Part - 3 Tutorial

► Java Script

- Introduction to Java Script
- JavaScript Syntax
- JavaScript Placements
- JavaScript Comments | JS Single Line Comment | JS Multi Line Comments
- JavaScript Variables | JS Variable Rules
- JavaScript DataTypes | JS Primitive & Non Primitive DataTypes
- JavaScript Type Conversion | JS Implicit Explicit Type Conversion
- JavaScript Operators Basics
- JavaScript Arithmetic Operators
- JavaScript Comparison Operators
- JavaScript Assignment Operators
- JavaScript Logical Operators
- JavaScript Bitwise Operators
- JavaScript Ternary Operator
- JavaScript Interactions Basics
- JavaScript Alert Box
- JavaScript Confirm Box
- JavaScript Prompt Box
- JavaScript Conditional Statement Basics
- JavaScript If Statement

- JavaScript If else Statement
- JavaScript Switch Statement
- JavaScript Loop Basics
- JavaScript For Loop
- JavaScript While Loop
- JavaScript Do While Loop
- JavaScript Multiplication Program Using For Loop
- JavaScript Loop Control Statements
- JavaScript Break Control Statement
- JavaScript Continue Control Statement
- JavaScript Object
- JavaScript Object Part - 2
- JavaScript Object Advanced Concepts Part - 3
- JavaScript String
- JavaScript String Methods
- JavaScript Arrays Part - 1 in Tamil
- JavaScript Arrays Manipulation Methods Part - 2
- JavaScript Arrays Manipulation Methods Part - 3
- JavaScript Numbers Part - 1
- JavaScript Numbers Part - 2
- JavaScript Math Object & Functions
- JavaScript Date Object & Functions
- JavaScript Strict Mode
- JavaScript Const and Let Keywords
- JavaScript this Keyword
- JavaScript Regular Expression
- JavaScript Functions
- JavaScript Functions Parameters
- JavaScript Functions Parameters
- JavaScript Browser Object Model (BOM)
- JavaScript History Object
- JavaScript Windows Navigator
- JavaScript Document Object Model
- JavaScript Document Object Model Part-2
- JavaScript Document Object Model Tag Part-3
- JavaScript Document Object Model Methods Part-4
- JavaScript DOM Property Inner HTML
- JavaScript DOM Property Inner Text
- JavaScript DOM Query Selector
- JavaScript DOM Query Selector All
- JavaScript DOM Manipulation Methods Part-1
- JavaScript DOM Manipulation Methods Part-2
- JavaScript DOM Manipulation Attributes Part-3
- JavaScript Form Validation
- JavaScript Email Validation
- JavaScript Form Examples
- JavaScript Form Validation
- JavaScript Mouse Events
- JavaScript Form Events
- JavaScript Window Keyboard Events
- JavaScript Event Listener
- JavaScript Cookie Introduction
- JavaScript Cookie Manipulation
- JavaScript Cookies, Session, Local Storage

- JavaScript Storage Methods

► Android App Development

- Introduction To Android
- Android Versions
- Android Internals
- Android Architecture
- Android Studio Installation
- Android Life Cycle
- How To Use Button In Android
- How To Use Edit Text In Android
- How To Use Text View In Android
- Moving To Next Activity In Android
- How To Use CheckBox In Android
- How To Use Radio Button In Android
- How To Use Switch In Android
- How To Use Toggle Button In Android
- How To Use Floating Action Button In Android
- Android Rating Bar Tutorial
- Android Progress Bar Tutorial
- Android SeekBar Tutorial
- Android Spinner Tutorial
- Android ListView Tutorial
- Android WebView Tutorial
- Android RecyclerView Part-1 Tutorial
- Android RecyclerView Part-2 Tutorial
- Android AlertDialog Box Tutorial
- Android Option Menu Tutorial
- Android Context Menu Tutorial
- Android Popup Menu Tutorial
- Android Broadcast Receiver
- Android Services
- Android Alarm Manager
- Android SQLite Database Tutorial
- Android SQLite Database with SQLiteOpenHelper Tutorial
- Android Location Manager Tutorial
- Android SMS App Tutorial Part - 1
- Android SMS App Tutorial Part - 2
- Android Call Intent Tutorial
- Android Audio Manager Tutorial
- Android Auto Complete Text Tutorial
- Android Bluetooth Tutorial
- Android Media Player App Tutorial
- Android Clipboard Manager Tutorial
- Android Bottom Navigation Tutorial
- Android Navigation View Tutorial
- Android Text Input Tutorial
- Android Shared Preferences Tutorial
- Android Text Switcher Tutorial
- Android Image Switcher Tutorial
- Android Adaptive View Filter Tutorial
- Android Simple Notification Tutorial
- Android Big Text Style Notification Tutorial
- Android Picture Text Style Notification Tutorial

- Android Inbox Style Notification Tutorial
- Android Bottom Sheet Behaviour Tutorial
- Android Snack Bar Tutorial
- Android Tab Layout Tutorial
- Introduction to Google Firebase
- How To Connect Android APP To Google Firebase?
- How To Authenticate Using Email? Part - 1
- How To Authenticate Using Email? Signup Functionality Part - 2
- How To Authenticate Using Email? Login Functionality Part - 3
- How To Authenticate Using Email? Part - 4
- How To Authenticate Using Email? Part - 5
- Phone Number OTP Authentication using Firebase Part - 1
- Phone Number OTP Authentication using Firebase Part - 2
- Phone Number OTP Authentication using Firebase Part - 3
- Google Firebase Realtime Database - Intro
- Simple write in Realtime database
- Real Time DataBase Reference Listener
- Real Time DataBase Child Reference
- Real Time DataBase Push Function
- Real Time DataBase Write Map
- Real Time DataBase Read Map
- Real Time DataBase Simple Use Case Part - 1
- Real Time DataBase Simple Use Case Part - 2
- Real Time DataBase Simple Use Case Part - 3
- Real Time DataBase Simple Use Case Part - 4
- Real Time DataBase Simple Use Case Part - 5
- Real Time DataBase Simple Use Case Part - 6
- Real Time DataBase Simple Use Case Part - 7
- Real Time DataBase Simple Use Case Part - 8
- Introduction to FireStore
- Simple Write Operation Using Map
- Simple Read Operation Using Map
- Simple Data Write Using User Defined Class
- Simple Data Read Using User Defined Class
- 87_firebase_firestore_simple_use_case_part1
- Firebase Firestore Simple Use Case - Part 2
- Firebase Firestore Simple Use Case - Part 3
- Firebase Firestore Simple Use Case - Part 4
- Firebase Firestore Simple Use Case - Part 5
- Firebase Firestore Write Array
- Firebase Firestore Read Array
- Firebase Firestore Add New Element To Existing Array
- Firebase Firestore Delete Element From Existing Array
- Adding Map To Firestore
- Reading and Updaing Map in Firestore
- Queries Intro
- Queries Recycler - Getting Ready For Queries
- Simple Queries
- Complex Queries
- Android Firebase Storage Intro
- Android Firebase Storage Loading Image From Memory
- Android Firebase Storage Uploding Image To Storage

- Adding Image Link And Name To Firebase Firestore database
- Retrieving Images From Storage And Display In Recycler View
- Android Fragment Part - 1
- Android Fragment Part - 2
- Android Fragment Part - 3
- Android Fragment Part - 4
- Android Fragment Part - 5
- Android Mini Project Assignment
- Android Virtual Device
- Android Machine Learning Introduction
- How To Recognize Text From Image
- How To Recognize Text From Image
- Bar Code Scanner Using Android App Part -1
- Bar Code Scanner Using Android App Part -2
- Face Detection Part - 1
- Face Detection Part - 2
- Image Labelling
- Detection and Tracking Objects
- Language Detection
- Translate
- Smart Reply

► Database

- What is Data?
- What is Database?
- What is DBMS?
- Evolution of Database
- What Are The Uses Of Database?
- What is File System?
- File Directories
- File System VS DBMS
- Characteristics of DBMS
- Where Is DBMS Used?
- Advantages & Disadvantages of DBMS
- Components of DBMS
- DBMS Types
- Architecture of DBMS
- Relational Data Model
- Entity Relationship Diagram (ER Diagram)
- DBMS Languages
- What is MySQL?
- MySQL Datatypes
- How To Install MySQL in Windows?
- How To Create Database in MySQL?
- How To Alter Table, Rename Column and Modify Column in MySQL?
- How to Truncate Tables in MySQL?
- MySQL View in Detail
- How To Insert Values in Table in MySQL?
- MySQL Select
- How To Update Values in Table in MySQL?
- How To Delete Values in Table in MySQL?

- WHERE Clause in MySQL
- DISTINCT Clause in MySQL
- 31 database 26 date tamil
- ORDER BY Clause in MySQL
- GROUP BY Clause in MySQL
- HAVING Clause in MySQL
- LIKE Clause in MySQL
- IN Condition in MySQL
- NULL Condition in MySQL
- BETWEEN Condition in MySQL
- MySQL Date Data Type
- MySQL Joins
- What is Normalization? | Normalization Types
- First Normal Form in DBMS
- First Normal Form in DBMS Part-2
- Second Normal Form in DBMS
- Third Normal Form in DBMS
- Best Books For Learning DBMS
- Best Books For Learning MySQL
- How to connect MySQL with Java code?
- JDBC Driver Types
- How To Write Java Program To Connect With MySQL Database?
- How To Execute SQL Queries in Java Code

- How To Use CheckBox?
- How To Use CheckBox? Part - 2
- Radio Button
- Toggle Button & Switch
- Image Button & Floating Action Button
- Progress Bar Indeterminate
- Progress Bar Determinate
- Seek Bar
- Rating Bar

► Kotlin

- Introduction to Kotlin
- Kotlin Installation
- How to install Kotlin in Windows?
- Kotlin Basics, DataTypes, Variables & Operators
- Kotlin Conditions & Booleans
- Kotlin List Array
- Kotlin Loops
- Kotlin Functions
- Kotlin Functions Part - 2
- Kotlin Default Values
- Kotlin Lambda
- Kotlin Object Properties
- Kotlin Constructors
- Kotlin Sub Class
- Kotlin Interface Abstract
- Kotlin Data Class
- Kotlin Pairs Triples
- Kotlin Collections

► Kotlin Android

- Exploring Android Studio
- Exploring Activity
- Exploring Layout | Linear Layout
- Adding User Interactivity
- Data Binding
- Creating New Activity
- Lifecycle of an Activity