



EDGE Stands for Essential Diploma for Graduate Engineers

Note: Only few points are mentioned in this file. Teaching/Training will be in detail.

C Programming

History of C, Features of C, How to install C, First C Program, Flow of C Program, printf scanf Variables in C, Data Types in c, Keywords in c, C Operators, C Comments, C Escape Sequence, Constants in C

C control Statements C if-else, C switch, C do-while loop, C while loop, C for loop, C break, C continue, C goto, Type Casting C

Functions-What is function, Call by Value & Reference, Recursion in c

Array- 1-D Array, 2-D Array, Array to Function

Pointer C Pointers, C Pointer to Pointer, C Pointer Arithmetic

Strings String in C,C gets() & puts(),C String Functions, C strlen(), C strcpy(), C strcat(), C strcmp(), C strrev(), C strlwr(), C strupr(), C strstr(),C math functions

C Structure Union-C Structure, C array of Structure, C Nested Structure, C Union

C File Handling- C File Handling, C fprintf() fscanf(), C fputc() fgetc(), C fputs() fgets(), C fseek(), C rewind(), C ftell()

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SQL

Introduction to SQL What is Database, What is RDBMS, DBMS vs RDBMS, SQL Syntax, SQL Data Types, SQL Operators

SQL Database SQL CREATE Database, SQL DROP Database, SQL RENAME Database, SQL SELECT Database

SQL Table

What is Table, SQL TABLE Variable, SQL CREATE TABLE, SQL DROP TABLE, SQL DELETE TABLE, SQL RENAME TABLE, SQL TRUNCATE TABLE, SQL COPY TABLE, SQL TEMP TABLE, SQL ALTER TABLE

SQL Select

SELECT Statement, SQL SELECT UNIQUE, SQL SELECT DISTINCT, SQL SELECT COUNT, SQL SELECT TOP, SQL SELECT FIRST, SQL SELECT LAST, SQL SELECT RANDOM, SQL SELECT AS, SQL SELECT IN, SQL SELECT Multiple, SQL SELECT DATE, SQL SELECT SUM, SQL SELECT NULL

SQL Clause

SQL WHERE, SQL AND, SQL OR, SQL WITH, SQL AS

SQL Order By

ORDER BY Clause, ORDER BY ASC, ORDER BY DESC, ORDER BY RANDOM, ORDER BY LIMIT, ORDER BY Multiple Cols

SQL Insert

INSERT Statement, INSERT INTO Values, INSERT INTO SELECT, INSERT Multiple Rows

UPDATE Statement

SQL Delete

DELETE Statement, SQL DELETE TABLE, SQL DELETE ROW, SQL DELETE All Rows, DELETE Duplicate Rows, SQL DELETE DATABASE, SQL DELETE VIEW, SQL DELETE JOIN

SQL Join

SQL JOIN, SQL Outer Join, SQL Left Join, SQL Right Join, SQL Full Join, SQL Cross Join

SQL Keys

Primary Key, Foreign Key, Composite Key, Unique Key, Alternate Key

PL/SQL- Control Statements, T rigger, Functions, Stored Procedures

Web Designing

HTML

Introduction, Basic tags, Lists, Tables, Frames, Forms, HTML5

CSS

Introduction, Types of Style Sheets, Class Selector, ID Selector, Absolute and Relative Positioning, DIV + CSS, Layout Design, CSS

JavaScript

Introduction to scripting, Introduction to JavaScript,
Variables and operators, Working with alert, confirm and
prompt, Conditional Statement, Looping Statement,
Events and functions

Bootstrap

Bootstrap, Advance, Bootstrap, Utilities

Software Project Management Syllabus

| Software Project Management |
|--------------------------------------|
| Introduction to Project Management |
| Scope of Project |
| Project Scheduling |
| Team responsibilities and activities |
| Test Cases and Cost implications |
| UATs |
| Software DLC |
| Live Project |

Angular 6.0 & 7.0

- 1. Introduction to ANGULAR JS
- 2. Building our first app 15 minutes workout
- 3. Supporting server data persistence
- 4. Angular directives in depth
- 5. 1.21 gigawatt flux pattern explained
- 6. Functional reactive programming
- 7. Manipulating streams and their values
- 8. Rxjs advanced
- 9. Create a local weather web application
- 10. Prepare angular app for production release
- 11. Enhance angular app with angular material
- 12.Create a router-first line-of-business app
- 13. Continuous integration and api design
- 14. Design authentication and authorization
- 15. Angular app design and recipes
- 16. Highly-available cloud infrastructure on aws
- 17. Build an angular 7 app from scratch
- 18. Use Angular Material to add styles to your app
- 19. Upgrade an angular 6 app tp angular 7
- 20.Create a new Angular 7 project with the angular-cli
- 21. Install the new angular-cli globally on your machine
- 22. Update an existing Angular 6 project to version 7

Front Bench Advantage:

- Over 5 years Real-Time experienced Faculty
- Job oriented, Industry relevant curriculum
- Conceptual training methodology
- Project/Lab based training
- Opportunity for Internship
- 100% Job Assurance

Career Options:

- Software Development Companies
- Web design studios
- Website development studios
- Website or portal development studios
- Advertising agencies
- Print & Publishing houses (like newspapers, magazines, etc.)
- Multimedia production houses
- Freelancing (Work from home)

Job Profile after this course:

- UI Developer / Web Developer
- Software Developer / JAVA Developer / .Net Developer
- Full Stack Developer
- SQL Developer / Database Analyst / BACKEND DEVELOPER