



EDGE Stands for Essential Diploma for Graduate Engineers

Note: Only main 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(), Cstrupr(), 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()

FortuneCloud Technologies Group,

2nd Floor, Abhinav Apartment, Beside Congress Bhavan, Shivajinagar, Pune

Cell – 9766439090 | www.fortunecloudindia.com

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, Trigger, Functions, Stored Procedures

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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

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PHP

What is PHP Install PHP, PHP Example, PHP Echo, PHP Print, PHP Variable, PHP Constants, PHP Magic Constants, PHP Operators, PHP Comments

PHP Data types

PHP Data Types, PHP Booleanis_bool() Function, PHP Integeris_int() Function, PHP Floatis_float() FunctionCompound TypesSpecial Typesis_null() Function

Control Statements

PHP If else, PHP Switch, PHP For Loop, PHP While Loop, PHP Do While Loop, PHP Break

PHP Functions

PHP FunctionsParameterized Function, PHP Call By Value, PHP Call By Reference, PHP Default Arguments, PHP Variable Arguments, PHP Recursive Function

PHP Arrays

PHP Array, PHP Indexed Array, PHP Associative ArrayMultidimensional Array, PHP Array Functions

PHP Strings

PHP String, PHP String Functions

PHP Math

PHP Math Functions

PHP Form

PHP Form: Get Post

PHP Include

PHP include & require

State Management

PHP Cookie, PHP Session

File Handling

PHP File Handling, PHP Open File, PHP Read File, PHP Write File, PHP Append File, PHP Delete File

Upload Download

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PHP File Upload, PHP Download File

PHP Misc

require_once, include_once, MVC Architecture

PHP Mail

PHP MYSQLI

MySQLi CONNECT, MySQLi CREATE DB, MySQLi CREATE Table, MySQLi INSERT, MySQLi UPDATE, MySQLi DELETE, MySQLi SELECT, MySQLi Order by

PHP JSON

Frameworks

WordPress

CodeIgniter

YII Tutorial

Angular Js-Basics

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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
- DATABASE Administrator

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