SkillifyMe
GATEWAY TO TECH MASTERY

PRESENTS

SUMMER TRAINING AND INTERNSHIP PROGRAMS

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C++ ZERO TO HERO

✦ INTRODUCTION TO PROGRAMMING

- INTRODUCTION ABOUT LANGUAGE

- SYNTAX OVERVIEW

- INPUT AND OUTPUT

- PRACTICE EXERCISE

✦ VARIABLES & DATA TYPES

- OVERVIEW

- USER INPUT AND OUTPUT

- PRACTICE EXERCISE

✦ OPERATORS, STRINGS, MATHS

- OPERATORS OVERVIEW

- STRINGS AND BOOLEANS

- MATH STATEMENT

- PRACTICE EXERCISES

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✦ CONDITIONS, LOOP, ARRAYS

- IF ELSE & SWITCH STATEMENTS

- WHILE, FOR & DO WHILE LOOPS

- BREAK, CONTINUE STATEMENTS

- ARRAYS OVERVIEW

- PRACTICE EXERCISE

✦ FUNCTIONS & POINTERS

- OVERVIEW OF FUNCTIONS

- RECURSION & FUNCTION PARAMETERS

- POINTERS AND REFERENCES

- PRACTICE EXERCISE

✦ STRUCTURE & ENUMS

- OVERVIEW OF STRUCTURE

- ENUMS

- PROJECT I: RECORDS MANAGEMENT SYSTEM

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✦ OBJECT ORIENTED CONCEPT

- OVERVIEW OF CLASSES & OBJECTS

- CLASS METHODS

- CONSTRUCTORS & ITS TYPES

- ACCESS SPECIFIERS

- INHERITANCE & ITS TYPES

- POLYMORPHISM AND ENCAPSULATION

- PROJECT II: BANK MANAGEMENT SYSTEM

✦ FILES & EXCEPTION HANDLING

- OVERVIEW OF EXCEPTION

- TRY AND CATCH STATEMENT

- FINALLY STATEMENT

- READING AND WRITING IN FILE

- PRACTICE EXERCISE

ADVANCE CONCEPT (STL)

- OVERVIEW OF TEMPLATES

- METHODS IN STANDARD TEMPLATE LIBRARY (STL)

- VECTORS

- SETS

- MAPS

- OVERVIEW OF STACKS, QUEUE IN STL

- PRACTICE EXERCISES

ONLINE TEST ASSESMENT

- PRACTICE TEST 1

- PRACTICE TEST 2

- FINAL ASSESSMENT