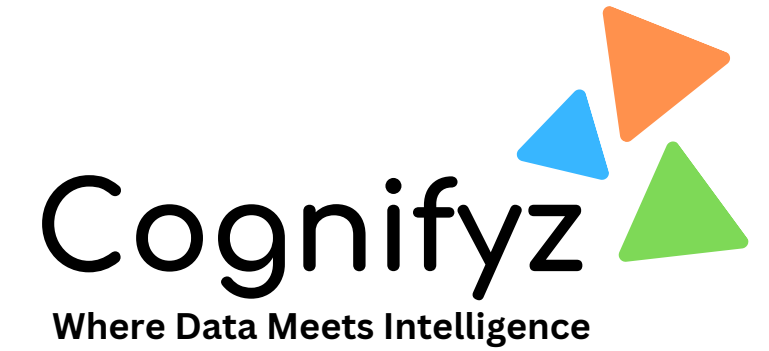


INTERNSHIP PROGRAM

C / C++

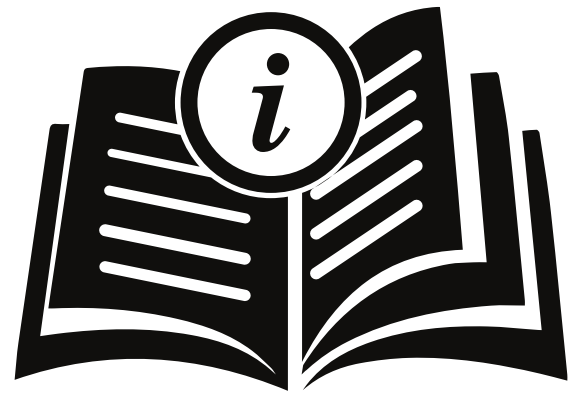


About Us



- Cognifyz Technologies is a leading technology company that specializes in the dynamic field of data science and excels in delivering impactful projects and solutions.
- The company offers a wide range of products and services, including artificial intelligence (AI), machine learning (ML), and data analytics tools.
- Cognifyz Technologies also provides training programs to enhance skills and knowledge in these areas.
- The company focuses on delivering innovative and cutting-edge solutions to meet the evolving needs of businesses.





During your internship tenure, it is important to keep in mind the following points

- Enhance your professional presence by updating your LinkedIn profile. Share your achievements, such as the offer letter or internship completion certificate, which you received from us. Don't forget to mention and tag Cognifyz Technologies in your posts. You can use hashtags like #cognifyz #cognifyzTech #cognifyzTechnologies to showcase your affiliation.
- Maintain academic integrity and respect intellectual property. Plagiarism and copying code are serious offenses that can lead to the termination of your internship and subsequent restriction from future opportunities with us.
- Demonstrate your work by sharing a video showcasing the completion of your tasks on LinkedIn. Remember to tag Cognifyz Technologies in your post and use relevant hashtags like #cognifyz #cognifyzTech #cognifyzTechnologies to engage with our community.

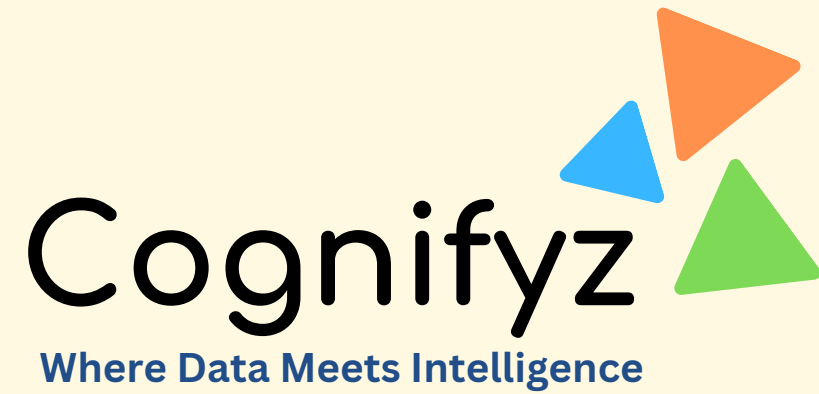


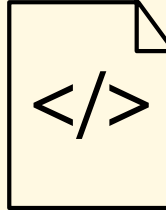
SUBMISSION



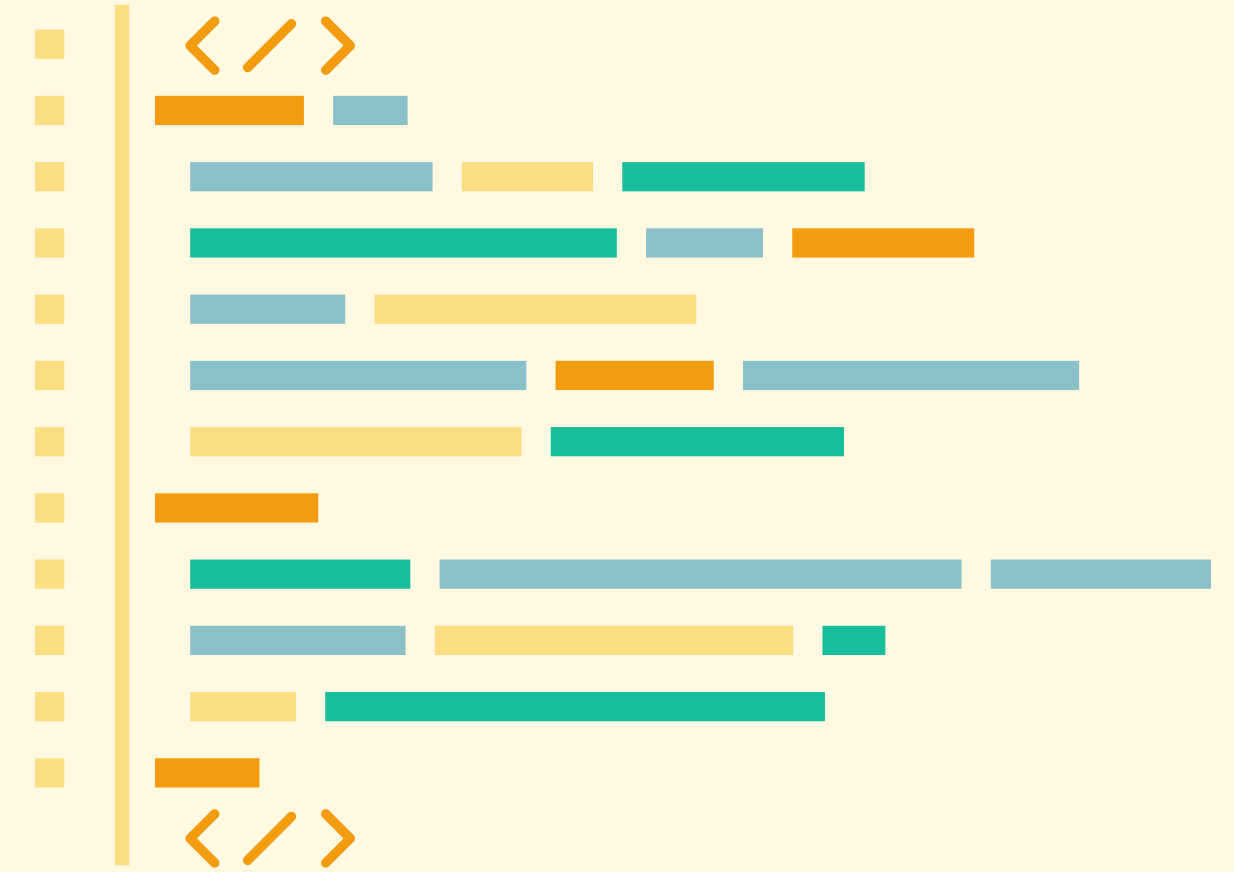
- Create a professional video showcasing your internship projects and achievements.
- Host the video on LinkedIn to provide proof of your work and establish credibility among your peers. Consider tagging Cognifyz Technologies in your posts to ensure they are notified of your work.
- A SUBMISSION FORM will be shared later. Till then please continue your task and make a separate file of each level.
- When posting the video on LinkedIn, include the following hashtags to maximize visibility and engagement: **#cognifyztechnologies** **#cognifyz** **#cognifyztech**. Additionally, depending on your internship domain.





C / C++ 

TASK LIST



Welcome to our exciting web C / C++ internship program! To complete this internship, you will have the chance to choose any 7 Tasks Out of 10 Tasks . We've designed these Tasks to cater to your convenience and ensure an engaging and rewarding experience. Additionally, the successful completion of all tasks will further enhance your chances of receiving a stipend.

Task 1

Task: String Reversal

Description:

Write a program that takes a string as input and reverses it. Display the reversed string on the console.

Skills: String manipulation, loops.



Task 2

Task: Calculator Program

Description:

Write a program that takes two numbers and an operator as input (+, -, *, /, %) and performs the corresponding arithmetic operation. Display the result on the console.

Skills: Basic input/output operations, conditional statements, and arithmetic operations.



Task 3

Task: Fibonacci Series

Description:

Implement a program that generates the Fibonacci series up to a given number of terms. Prompt the user to enter the number of terms and display the series.

Skills: Loops, basic arithmetic operations.



Task 4

Task: Guessing Game

Description:

Implement a number guessing game. Generate a random number and prompt the user to guess the number. Provide hints such as "higher" or "lower" to help the user narrow down the guess. Continue until the user guesses the correct number.

Skills: Random number generation, user input, conditional statements, loops.



Task 5



Task: File Copy

Description:

Write a program that copies the contents of one file to another. Prompt the user to input the names of the source and destination files. Read the contents of the source file and write them to the destination file.

Skills: File handling, basic input/output operations.

Task 6

Task: Palindrome Checker

Description:

Write a program that checks whether a given word or phrase is a palindrome. A palindrome is a word or phrase that reads the same forwards and backwards. Prompt the user to input a word or phrase and display whether it is a palindrome or not.

Skills: String manipulation, loops, conditional statements.



Task 7

Task: Student Grade Calculator

Description:

Create a program that calculates the average grade of a student. Prompt the user to enter the number of subjects, and then input the grades for each subject. Calculate the average grade and display it to the user.

Skills: Loops, arrays, basic arithmetic operations.



Task 8

Task: Array Sorting

Description:

Write a program that sorts an array of integers in ascending or descending order. Prompt the user to input the array elements and choose the sorting order. Display the sorted array.

Skills: Arrays, loops, conditional statements, sorting algorithms (e.g., bubble sort, selection sort).



Task 9

Task: Rock-Paper-Scissors Game

Description: Implement a simple rock-paper-scissors game. Prompt the user to choose either rock, paper, or scissors, and generate a random choice for the computer. Determine the winner based on the game rules and display the result.

Skills: Random number generation, user input, conditional statements.



Task 10

Task: Simple Inventory Management System

Description:

Create a simple inventory management system that allows users to add items, display the list of items, and search for items by name or ID. Implement the necessary methods to handle these operations.

Skills: Structs or classes, arrays or linked lists, user input.



How to Contact Us?

To find out more information,
please contact us



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www.cognifyz.com



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