



# C++ PROGRAMMING

[www.codsoft.in](http://www.codsoft.in)

# ABOUT US

CODSOFT is a vibrant and diverse community that brings together individuals with similar objectives and ultimate goals. Our main focus is on creating opportunities that span various areas, including leadership development, learning, student engagement, and fostering shared interests.

We believe in the power of leadership and its ability to drive positive change. That's why we provide platforms and resources for our community members to develop their leadership skills. Through mentorship programs, workshops, and collaborative projects, we empower individuals to take on leadership roles and make a difference in their respective fields.

# INSTRUCTIONS

- Update your LinkedIn profiles
- For the C++Programming internship, you will need to complete **at least 3 tasks** for successful completion of the internship.
- Maintain a separate GitHub repository(name as CODSOFT for all the tasks and share the link of the GitHub repo in the task submission form(it will be given later through email).
- You can refer to online resources such as Google Search and read tutorials. Watch videos(For Help).



# SUBMISSION

- A **TASK SUBMISSION FORM** will be shared later through email. Till then please continue your task.
- A video need to be created to showcase your work, a demo of your effort.
- For the C++ Programming internship, you will need to **complete at least 3 tasks for successful completion of the internship.**
- The video can be hosted on LinkedIn for proof of your work and to build credibility among your peers. You can tag @CODSOFT in such posts.
- Please add #codsoft in each of your task video postings on LinkedIn, Additionally, you can also add hashtags such as #internship #webdevelopment. for more reach and visibility



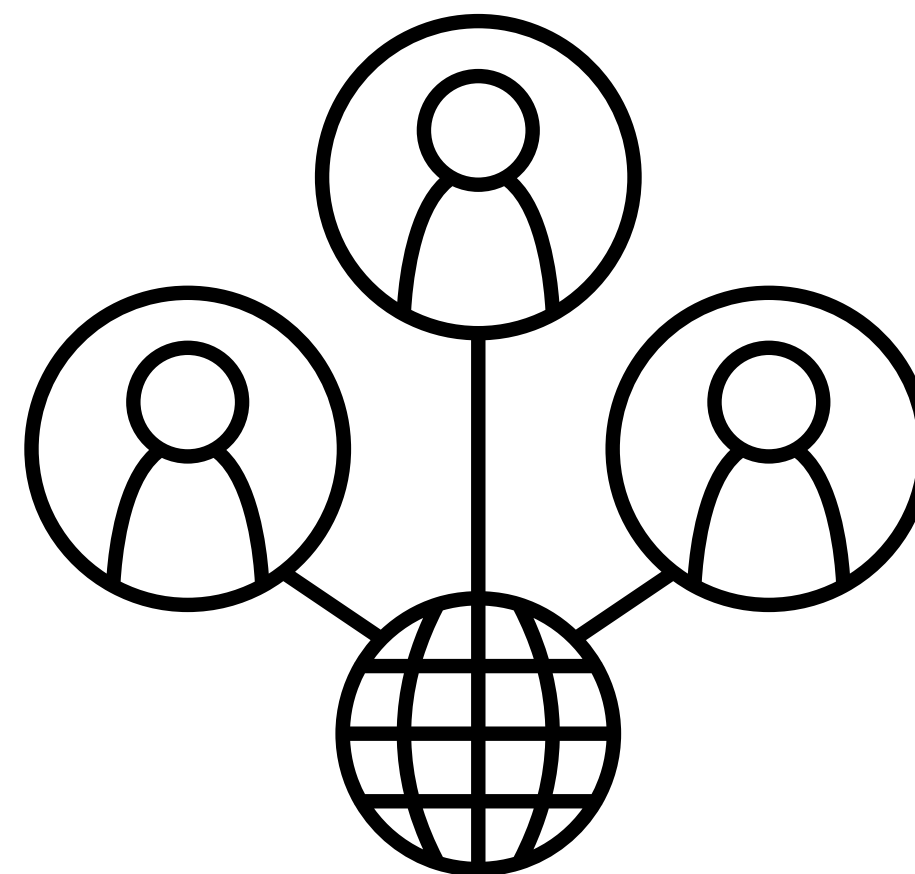
# ABOUT THE INTERNSHIP



**COMPLETION  
CERTIFICATE**



**PLACEMENT  
SUPPORT**



**NETWORK  
OPPORTUNITY**



# C++ PROGRAMMING

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# TASK 1

## NUMBER GUESSING GAME

- Create a program that generates a random number and asks the user to guess it. Provide feedback on whether the guess is too high or too low until the user guesses the correct number.

## TASK 2

# SIMPLE CALCULATOR

- Develop a calculator program that performs basic arithmetic operations such as addition, subtraction, multiplication, and division. Allow the user to input two numbers and choose an operation to perform.



## TASK 3

# STUDENT GRADING SYSTEM

- Create a program that manages student grades. Allow the user to input student names and their corresponding grades. Calculate the average grade and display it along with the highest and lowest grades

## TASK 4

### WORD COUNT

- Develop a program that counts the number of words in a given text file. Prompt the user to enter the file name and display the total word count.

## TASK 5

# MOVIE TICKET BOOKING SYSTEM

- Develop a program that simulates a movie ticket booking system. Allow users to view movie listings, select seats, make bookings, and calculate the total cost. Consider implementing seat availability and seat selection validation.

# ASK US FOR HELP!

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- THE PURPOSE OF THIS INTERNSHIP IS TO LEARN AND GROW.
- *We have no desire to dictate to you. It is entirely up to you whether you seek guidance or not.*
- The given tasks may seem very easy or very difficult. We expect you to approach the tasks with professional diligence and give them the attention they deserve."

# GET SOCIAL WITH US

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