



Internship Program



Company Background

Syntecxhub is a forward-thinking company that bridges learning with practical experience. We provide internship projects across exciting fields like **Web Development, UI/UX Design, Frontend & Backend Development, Data Science**, and more, helping students gain real-world skills.

Our internships offer mentorship, hands-on tasks, and exposure to live projects, enabling students to enhance their knowledge, build confidence, and prepare for successful careers.



PYTHON Programming



Instructions

- Share your internship status on **LinkedIn** and mention **@Syntecxhub**.
- Upload your **entire source code** to **GitHub**, creating a repository named: **Syntecxhub_Project_Name**.
- You will receive **weekly tasks** that must be completed and submitted via the **Submission Form** within the given time.
- **you are required to complete at least one project.** Completing **multiple projects** is optional but **highly encouraged**, as it **demonstrates initiative and a deeper interest in learning**.



Project - 1

Simple Calculator

- Build a command-line calculator supporting +, −, ×, ÷ and clear.
- Accept user input, parse numbers and operator, show result.
- Validate input and handle divide-by-zero.
- Keep calculation logic separated in functions for testability.
- Provide a simple menu to perform repeated calculations or exit.

 **Example : Link**



Project - 2

Number Guessing Game

- Randomly choose a number and prompt user to guess.
- Give higher/lower hints and count attempts.
- Allow difficulty levels (range changes).
- Provide replay option and display best (lowest) attempts.
- Emphasize loops, conditionals and random module use.

 **Example : Link**

Project - 3

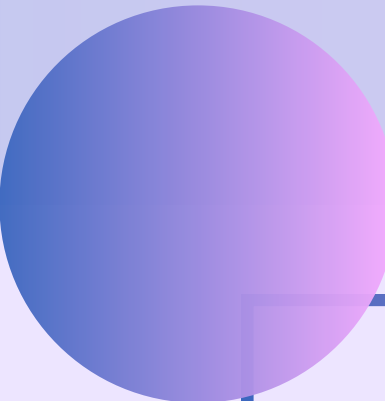
To-Do List Manager

- Create a menu-driven CLI to add / view / delete / mark tasks done.
- Persist tasks to a file (JSON or plain text) so tasks survive restarts.
- Demonstrate reading/writing files and simple error handling.
- Use functions to separate concerns (IO vs logic).
- Optionally support tags or due dates (extra credit).

 **Example : Link**



Submission Details

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- Each task consists of **three projects**. Every intern is **required to complete and submit at least one project** from each task.

- Completing all assigned weekly tasks is **mandatory** to successfully finish the internship. If an intern fails to complete the required projects, the internship will be considered **incomplete**, and the **certificate will not be issued**.

- Please ensure that all completed projects are submitted through the official **Submission Form** to confirm your **successful participation in the internship program**.



Thank You.

Get In Touch With Us



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