





Lab Submission Guide	
IoT Fundamentals	
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 This manual will guide you through the process of performing lab tasks throughout the session in an organized manner.

Workflow

- ✓ Clone the repo (only once).
 - ✓ Work in the cloned repo for every lab and keep pushing your updates.
 - ✓ If you delete the folder from your local machine, you'll have to clone it again next time.
 - ✓ Organize each lab's work into separate folders (Lab_1, Lab_2, etc.).
 - ✓ Your lab folder should contain:
 -  Code files
 -  Readme.txt file that includes wokwi project link, & main concepts used in the lab (interrupt, debounce issue etc.)
 -  Video of the physical circuit with your voice explaining the wiring and connections. Circuit should be operational and performing the job.
 - ✓ Keep committing your work to save changes.
 - ✓ Push all work inside the folder to GitHub in an organized manner.
 - ✓ Refresh the browser page to verify the changes.
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Tips & Precautions:

- It's a good idea to clone the folder in Desktop.
- Avoid spaces in file and folder names. Use "Snake_Case" naming convention (Lab_1).
- Use compression software to minimize video size, but don't compromise video/audio quality.
- Be careful with deletions! If you delete something and push changes, it will be removed from the repo permanently.
- Push changes before shutting down your system to avoid data loss.

- It is recommended to name your code files according to job performed.

main.py ❌

led_blink.py ✅

- Make sure you are in the relevant lab folder before pushing changes.
- Follow these guidelines to maintain a structured and error-free Git workflow!

Mind-map

