

Task 7: Image Resizer Tool

- **Objective:** Resize and convert images in batch.
- **Tools :**Python, Pillow
- **Deliverables:** Script that resizes all images in a folder

Hints/Mini Guide:

1. Use os to read image folder
2. Use PIL.Image to resize and save

- **Outcome:** : Automate image tasks

Interview Questions:

1. What is PIL/Pillow?
2. How do you open and save images?
3. What is the resize() method?
4. How do you read all files in a directory?
5. What is the os module?
6. How do you change file formats (e.g., JPG to PNG)?
7. What is a pixel?
8. What's the use of try-except here?
9. How can you make the app dynamic?
10. Can this be extended to GUI?

Key Concepts: File Handling, Image Processing

Submit Here:

After completing the task, paste your GitHub repo link and submit it using the link below:

-  [[Submission Link](#)]

📌 Task Submission Guidelines

- 🕒 **Time Window:**

You can complete the task anytime between 10:00 AM to 10:00 PM on the given day. Submission link closes at 10 :00 PM

- 🔍 **Self-Research Allowed:**

You are free to explore, Google, or refer to tutorials to understand concepts and complete the task effectively.

- 🔧 **Debug Yourself:**

Try to resolve all errors by yourself. This helps you learn problem-solving and ensures you don't face the same issues in future tasks.

- 💰 **No Paid Tools:**

If the task involves any paid software/tools, do not purchase anything. Just learn the process or find free alternatives.

- 📁 **GitHub Submission:**

Create a new GitHub repository for each task.

Add everything you used for the task — code, datasets, screenshots (if any), and a **short README.md** explaining what you did.

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- 👉 [\[Submission Link\]](#).

Best
of
Luck

