

## ◆ TASK 3: Conditional Statements & Logical Flow

### Tools:

- Python
- VS Code

### Hints / Mini Guide:

1. Create grade\_calculator.py.
2. Take marks input from user.
3. Use if-elif-else to determine grade.
4. Add logical operators (and, or).
5. Handle invalid marks using conditions.
6. Display proper messages for each grade.
7. Nest conditions to simulate real business rules.
8. Refactor code to improve readability.
9. Test with multiple inputs.

### Deliverables:

- Grade calculation program

### Final Outcome:

- Intern can write decision-based business logic.

### Interview Questions Related To Above Task:

- Difference between if and elif?
- What are logical operators?
- How does Python evaluate conditions?
- What is nesting?
- How to avoid deep nesting?

## 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.

### Submit Here:

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

-  [\[Submission Link\]](#)

