

# Student Marks Analyzer

This is a beginner-friendly Python project to analyze student marks.

The program takes marks of 5 subjects as input and calculates:

- Total Marks
- Average Marks
- Highest Mark
- Lowest Mark
- Pass/Fail status

## How to Run

1. Make sure you have Python 3 installed on your system.
2. Download the file `marks\_analysis.py`.
3. Open a terminal (or Python IDLE) and run:

```
python marks_analysis.py
```

4. Enter marks for 5 subjects when asked.

## Example

Input:

80 70 65 90 85

Output:

Total Marks: 390

Average Marks: 78.0

Highest Mark: 90

Lowest Mark: 65

Result: Pass

## Skills Used

- Python Basics (input/output)

- Lists
- Conditionals
- Loops

## **Future Improvements**

- Handle unlimited subjects instead of only 5
- Show grade (A, B, C...) instead of just pass/fail
- Save results into a file

Created as a beginner project for learning Python and preparing for a career in Data Analysis.