Java Case Studies/Assignment

Learn Java Basics: Student Marks Program

Let's learn Java by building something simple!

Step 1: What to Build?

A program to enter student marks and show results.

Step 2: What Will You Learn?

- How to write basic Java code
- Different types of data (numbers, text)
- How to do calculations
- How to show output

Step 3: Tasks to Do

Task 1: Your First Java Program

Make a program to show: "My First Java Program"
(Don't peek at solutions, try yourself!)

Task 2: Store Student Details

Store:

- Name
- Roll Number
- Three subject marks

Task 3: Do Calculations

Calculate:

- Total marks

- Percentage

- Pass or Fail

Task 4: Show Results

Display:

- All student details

- Total and Percentage

- Pass/Fail status

Think About:

1. What type to use for:

    - Student name?

    - Roll number?

    - Marks?

2. How to calculate:

    - Total from three subjects?

    - Percentage from total?

Try More:

After finishing basic tasks, try:

1. Add more students

2. Find highest marks

3. Show grades (A/B/C/D)

Start with Task 1 and move forward step by step.