Student Grade Calculator.

Problem Statement

A school teacher wants to automate the grading system for her students. Each student's performance is judged based on marks obtained in five subjects:

- Physics

- Chemistry

- Biology

- Mathematics

- Computer

Your task is to write a program that takes marks of all five subjects, calculates the percentage, and then assigns a grade based on the following rules:

- Percentage ≥ 90% : Grade A

- Percentage ≥ 80% and < 90% : Grade B

- Percentage ≥ 70% and < 80% : Grade C

- Percentage ≥ 60% and < 70% : Grade D

- Percentage ≥ 40% and < 60% : Grade E

- Percentage < 40% : Grade F

Input Format

- Five space-separated integers representing marks in Physics, Chemistry, Biology, Mathematics, and Computer.

Constraints

- 0 ≤ Marks in each subject ≤ 100

Output Format

Print the Percentage and grade assigned in below format:

- Percentage = precentage_value (up to 2 decimal places)

- Grade = grade_here

Sample Input 0

```
95 90 92 96 94
```

Sample Output 0

```
Percentage = 93.40
Grade = A
```