

Marascio's Great Grader

You attend Mainland High School. We have the following grading system:

| Letter | Range | GPA Points |
|--------|--------|------------|
| A+ | 96-100 | 4.5 |
| A | 92-95 | 4.0 |
| B+ | 88-91 | 3.5 |
| B | 84-87 | 3.0 |
| C+ | 80-83 | 2.5 |
| C | 76-79 | 2.0 |
| D+ | 72-75 | 1.5 |
| D | 68-71 | 1.0 |
| F | 67-0 | 0.0 |

Each class also has a weight

0 regular +1 honors +1.5 AP

Write a program that asks a person for their name, each course name, weight, and average. Compute and display their weighted GPA. Print a summary showing the courses, the letter grades, and the weighted GPA of the student.

Example:

| INPUT | OUTPUT |
|------------------------|-------------------|
| Student: Bubba Lovejoy | Bubba Lovejoy |
| Course 1: | English: B |
| Class: English | Math: A |
| Weight: regular | Computers: A |
| Grade: 84 | History: B |
| Course 2: | GPA: 4.375 |
| Class: Math | |
| Weight: regular | |
| Grade: 94 | |
| Course 3: | |
| Class: Computers | |
| Weight: honors | |
| Grade: 97 | |
| Course 4: | |
| Class: History | |
| Weight: ap | |
| Grade: 89 | |