Review Chapter 2

Java Fundamentals

Write a program to calculate GPA of students with assumptions as follows:

a. Each student learns only three courses: English, Mathematics, Physics
b. We use 4 characters for code of each course. Example:
   - English: Engl
   - Mathematics: Math
   - Physics: Phys
c. We use 2 characters for grade of each course: from 00 to 10
d. Each time, the user enters grade for one course with the format as follows: Course_Code Grade (one space between course code and grade)
   Example:
   - Math 08
   - Engl 09
   - Phys 10
e. The program asks the user to enter in turn grade for each course and this display the result with the format as follows:
   - Course Code = ???
   - Your GPA: …
   Where ??? is the course’s grade
   Example:
   - Math = 08
   - Engl = 09
   - Phys =10
   - Your GPA = 9.0
f. The GPA should be rounded with two decimal places.
Please enter data for English course
Engl 09

OK Cancel

Please enter data for Phys course
Phys 10

OK Cancel

Math = 8.0
Engl = 9.0
Phys = 10.0
Your GPA = 09.00

OK