

計算機概論 作業 1  
繳交日期：10/22 8:00 AM

考慮下列情況：

計算課程成績平均值，所修數量非定並依照各學分數予以加權，最後依據加權平均值，給予 A (100 - 90 分)，B (<90 - 80 分)，分)，C (<80 - 70 分)，分)，D (<70 - 60 分)，或是分)，或是 F(<60 分) 的評價。且此程式只接受成績值 0 - 100 分，若不符條件則要求使用者重新輸入。所有成績計分，若不符條件則要求使用者重新輸入。所有成績計算以整數運算（小數點無條件捨去）。運算（小數點無條件捨去）。並將結果輸出成檔案，格式如下：

分數1 學分數1 分數2 學分數2 加權平均分數 GPA(A.B.C.D.F)
---

請撰寫符合上述功能的

1. C Code

2. 文字檔：Pseudocode(or Flowchart)

註：請參考 Ch2 和 Ch3 範例。

Write a C program to calculate Term Grade by averaging all the course grades where the total number of courses can vary. Each course grade needs to be weighted by its credits. Based on the final Term Grade, give the Term GPA (A: 100 - 90, B: <90 - 80, C: <80 - 70, D: <70 - 60, F: <60).

Note that the program should only accept a grade value between 0 and 100; the grade should be re-entered if exceeding the range. All grades/averages are calculated with integers. Please print out the results into a file following format below:

Score1 Credit1 Score2 Credit2 Weighted average score GPA(A.B.C.D.F)
---

Please turn in:

1. C code

2. A document file containing pseudocode or flowchart

Note: You may refer to the example codes in Ch.2 & Ch.3