

課堂習題之要求

- 必須依照限制
- 必須使用函式
- 要減少全域變數
- 指令內避免出現常數(`#define`)
- 風格包含(A)變數名稱，(B)縮排，(C)程式結構，(D)註解，(E)簡潔計算

EX1: email recognition (String)

- Input: a set of strings
- Goal: recognize the strings which are valid email address, sort them by (i) user name; and (ii) domain name+user-name.
upper and lower cases are regarded as the same.
- Input format:
 - 3
bangye.wu@gmail.com
bang@tt@tt
bangye@abc.edf.edg
- Basic requirement: at least 5 string functions, correctly recognition

- Format of email:
 - Account@Domain
 - Account: at least one identifier concatenated by dot
 - Domain: the same as account
 - Identifier: a string consisting of English letters and digits and underline