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**1.1 利用scan( ) 輸入5個同學的成績，並算出其總合。(P117)**

|  |
| --- |
| x <- sum(scan())  x |
|  |

**1.2 用c( ) 產生向量NAME(“John”,”Mary”)，用write( ) 將NAME存入檔案中。(P121)**

|  |
| --- |
| n <- c("John","Mary")  n  write(n,file="C:/R/123.txt",sep = ",") |
|  |

**2.1 用excel 建立一格試算表”帳戶”，其中有四個欄位名稱分別為”帳戶”，”分局”，”客戶姓名”和”餘額”，請輸入三筆資料，並將其轉成.csv格式之檔案。**

**2.2 用read.csv( ) 讀入該檔案。(P125)**

|  |
| --- |
| read.csv(file = "C:/R/accounts.csv",header = T) |
|  |

**2.3 用read.table( ) 讀入該檔案再用write.csv( )將該檔案的內容存入並命名為”account.csv”。 (P125-P127)**

|  |
| --- |
| a = read.table(file = "C:/R/accounts.csv")  write.csv(a,file = "C:/R/account.csv") |
|  |

**3.1 利用scan( ) 三個list 變數，每個list變數的三個項目名稱為 ”ID”，”NAME”，”Salary”，再將這三個list變數合併成一個**

**#EMPLOYEE矩陣變數。(P84,P118)**

|  |
| --- |
| listx = scan(what = list(id = "",name = "" , salary = 0))  listx  EMPLOYEE <- matrix(unlist(EMPLOYEE), ncol = 3, byrow = TRUE)  EMPLOYEE |
|  |

**3.2 用write.table( ) 將EMPLOYEE變數存成檔案，用逗點當間隔符號。(P127)**

|  |
| --- |
| write.table(EMPLOYEE,file <- "C:/R/employee.txt",sep=",") |
|  |

**3.3 用read.table( ) 將該檔案讀入變數EMP中。(P125)**

|  |
| --- |
| EMP <- read.table(file = "C:/R/employee.txt",sep = ",") |
|  |

**3.4 用write( ) 將EMP輸出至螢幕上。(P121)**

|  |
| --- |
| write(t(EMP), "",3,sep = ",") |
|  |