

2020/12/04(五), 109 學年第一學期 資料科學應用 R 作業(5)

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>

> #2.4(a)

> a <- 5

> for(i in 1:a){

+ for(j in 0){

+ cat(seq(i + j), "\n")

+ }

+ }

1

1 2

1 2 3

1 2 3 4

1 2 3 4 5

>

> #2.4(b)

> for(i in seq(1, 9, 2)){

+ for(j in 1:((5 - i)/3)){

+ cat(rep(i, c(i)), sep="", "\n")

+ }

+ }

1

333

55555

55555

7777777

7777777

999999999

999999999

999999999

>

> #2.50

> x <- c(25, 49, 95, 178, 264, 327, 373)

> ticket <- function(x){

+

+ a <- matrix(x, length(x), ncol=length(x), byrow=TRUE)

```
+ rownames(a) <- c(LETTERS[1:length(x)])
+ colnames(a) <- c(LETTERS[1:length(x)])
+ ifelse(x <= 50, 100, ifelse(x >= 50 & x <= 300, 100 + (x - 50), 400))
+ }
> ticket(x)
[1] 100 100 145 228 314 400 400
>
```