

2020/10/23(五), 109 學年第一學期 資料科學應用 R 作業(1)

學號: A107260072 姓名: 虞依婕

```
#2020/10/23
```

```
# ex1.7(a)
```

```
rep(LETTERS[1:4], by=1)
```

```
# ex1.7(b)
```

```
# ex1.7(c)
```

```
# ex1.7(d)
```

```
seq(month.abb.seq, by=2)
```

```
# ex1.21(a)
```

```
math.score <- c(43, 94, 20, 8, 46, 72, 93, 8, 28, 33, 79, 60, 93, 52, 8)
```

```
# ex1.21(b)
```

```
length(math.score)
```

```
# ex1.21(c)
```

```
id <-
```

```
mean(math.score)[1:length(math.score) %% 2 == 0 ]
```

```
# ex1.21(d)
```

```
id <- 1:length(math.score)
```

```
pass.id <- id[math.score >= 60]
```

```
pass.id
```

```
length(pass.id)
```

```
# ex1.37(a)
```

```
age <- c(64, 21, 72, 54, 72, 66, 25, 50, 75, 49)
```

```
gender <- c("男", "女", "女", "女", "女", "女", "男", "男", "男", "男")
```

```
index <- c(30, 43, 80, 86, 7, 35, 31, 29, NA, 42)
```

```
sat <- c("非常滿意", "非常滿意", "非常滿意", "滿意", "滿意", "普通", "普通", "普通",  
        "非常不滿意", "非常不滿意")
```

```
# ex1.37(b)
```

```
# ex1.37(c)
```

```
[age > 40]
```

```
mean()
```

```
# 課堂練習 3 加分
```

```
rep(1:3, times=3)
```