## 練習12：壓歲錢例子中，一讀到missing value就跳出，且告訴我是第幾筆missing (用while來作do…until…迴圈)

one <- FALSE

count <- 1

x <- c(3600, 5000, 12000, NA, 1000, 2000, 600, 7500, 1800, 9000)

while(!done){

if (is.na(x[count])==FALSE){

count = count + 1

} else {

done <- TRUE

print(count)

}

}

## 練習13：請求出2~100所有的質數 (用while來作do…until…迴圈)

pnum = 2

sp = 1

pnum.list <- c()

while(pnum < 100){

num = 2

while(num <= pnum){

if(num != pnum){

if(pnum%%num == 0){

break

} else {

num = num + 1

}

} else if(num == pnum){

pnum.list[sp] = pnum

sp = sp + 1

break

}

}

pnum = pnum + 1

}

pnum.list