## 1. for Loops

for (i in 1:10) {  
 print(i \* 3)  
}

## [1] 3  
## [1] 6  
## [1] 9  
## [1] 12  
## [1] 15  
## [1] 18  
## [1] 21  
## [1] 24  
## [1] 27  
## [1] 30

scooby.gang <- c(  
 "Scooby-Doo",  
 "Shaggy Rogers",  
 "Fred Jones",  
 "Daphne Blake",  
 "Velma Dinkley"  
)

scoobyLength <- 0  
  
for (i in scooby.gang) {  
 print(nchar(i))  
 scoobyLength <- scoobyLength + nchar(i)  
}

## [1] 10  
## [1] 13  
## [1] 10  
## [1] 12  
## [1] 13

print(glue("\n\nTotal of the characters in all of the strings: {scoobyLength}"))

##   
## Total of the characters in all of the strings: 58

## 2. while Loops

n1 <- 10  
n2 <- 2  
  
while (n1 > n2) {  
 print(n1)  
 n1 <- n1 - 1  
}

## [1] 10  
## [1] 9  
## [1] 8  
## [1] 7  
## [1] 6  
## [1] 5  
## [1] 4  
## [1] 3