

RStudio

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Assignment2.1.r

```
1 m=matrix(data = 0,nrow = 5,ncol = 4,byrow = TRUE)
2 counter <-0
3 for (i in 1:nrow(m)) {
4   for (j in 1:ncol(m)) {
5     if (i!=j) {
6       m[i,j]=1
7       counter<-counter+1
8     } else {
9       break
10    }
11  }
12  print(i)
13 }
14 print(counter)
15 m
16
```

16:1 (Top Level) R Script

Console Terminal

```
> m=matrix(data = 0,nrow = 5,ncol = 4,byrow = TRUE)
> counter <-0
> for (i in 1:nrow(m)) {
+   for (j in 1:ncol(m)) {
+     if (i!=j) {
+       m[i,j]=1
+       counter<-counter+1
+     } else {
+       break
+     }
+   }
+   print(i)
+ }
[1] 1
[1] 2
[1] 3
[1] 4
[1] 5
> print(counter)
[1] 10
> m
      [,1] [,2] [,3] [,4]
[1,]  0    0    0    0
[2,]  1    0    0    0
[3,]  1    1    0    0
[4,]  1    1    1    0
[5,]  1    1    1    1
>
```