RStudio

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```r
# Counter
ctr <- 0

for(i in 1: rows ){

  for(j in 1:cols){

    if(i != j) {
      x[i,j] = 1
      ctr = ctr + 1
    } else {

      break

    }
  }
  print('Completed Row ')

}

print(x = ctr)

df = data.frame(x)
df
```

Console

```
+
+     }
+   }
+   print('Completed Row ')
+
+ }
[1] "Completed Row "
[1] "Completed Row "
[1] "Completed Row "
[1] "Completed Row "
[1] "Completed Row "
[1] "Completed Row "
[1] "Completed Row "
> print(x = ctr)
[1] 21
> df = data.frame(x)
> df
  X1 X2 X3 X4 X5 X6
1  0  0  0  0  0  0
2  1  0  0  0  0  0
3  1  1  0  0  0  0
4  1  1  1  0  0  0
5  1  1  1  1  0  0
6  1  1  1  1  1  0
7  1  1  1  1  1  1
>
```

Environment

Data	
df	7 obs. of 6 variables
x	num [1:7, 1:6] 0 1 1 1 1 1 1 0 0 1 ...
Values	
cols	6
ctr	21
i	7L
j	6L
rows	7