

HW_07

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```
## Installs the package if not already downloaded
if(!require(noZero)) devtools::install_github("natom24/noZero")
```

```
## Loading required package: noZero
```

```
library(noZero)

## Creates matrices of 0s and 1s
set.seed(123)
x = matrix(rpois(100, 0.1), 10, 10)

x.nocol = rm_0s_by_col(x)

print(x.nocol)
```

```
##      [,1] [,2] [,3] [,4] [,5]
## [1,]    0    1    0    1    0
## [2,]    0    0    0    0    0
## [3,]    0    0    0    0    0
## [4,]    0    0    1    0    0
## [5,]    1    0    0    0    0
## [6,]    0    0    0    0    0
## [7,]    0    0    0    0    1
## [8,]    0    0    0    0    0
## [9,]    0    0    0    0    0
## [10,]   0    1    0    0    0
```

```
x.norow = rm_0s_by_row(x)
print(x.norow)
```

```
##      [,1] [,2] [,3] [,4] [,5] [,6] [,7] [,8] [,9] [,10]
## [1,]    0    1    0    1    0    0    0    0    0    0
## [2,]    0    0    1    0    0    0    0    0    0    0
## [3,]    1    0    0    0    0    0    0    0    0    0
## [4,]    0    0    0    0    0    0    0    0    1    0
## [5,]    0    1    0    0    0    0    0    0    0    0
```