

# DemoScript

```
library(pheatmap)

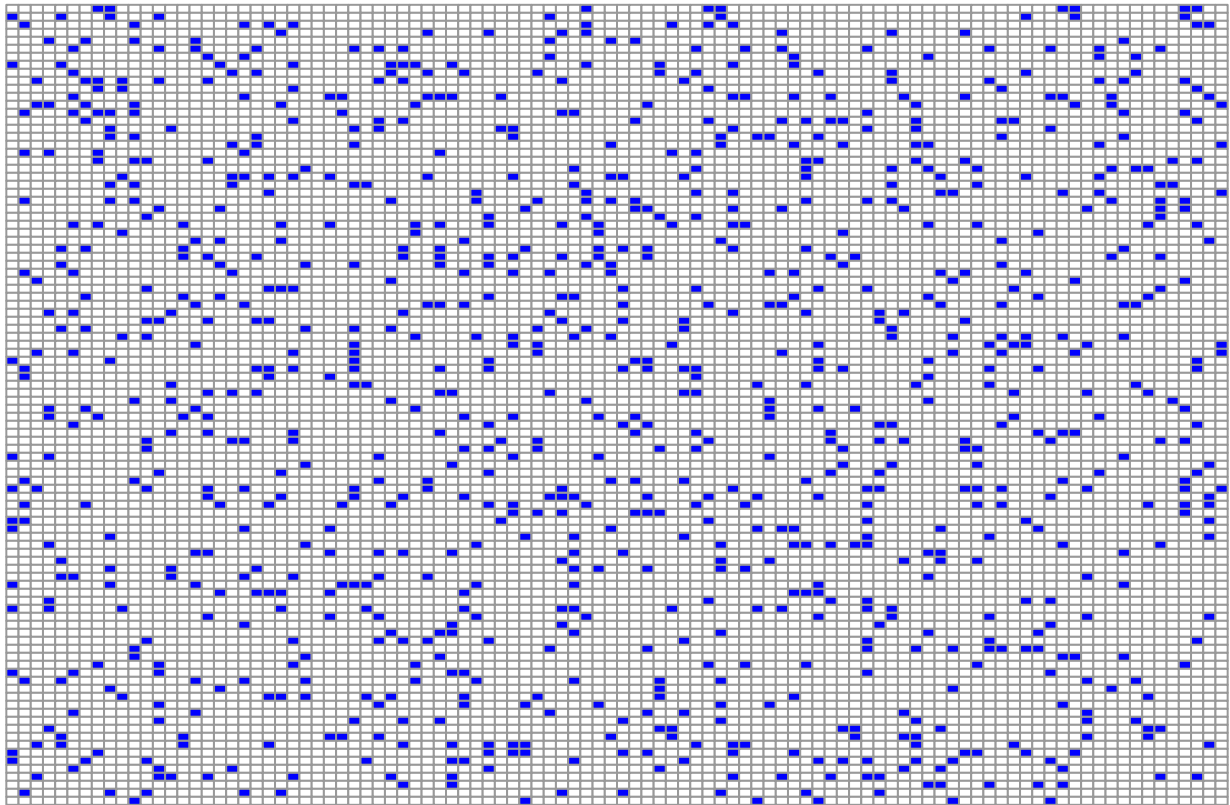
r <- 100
c <- 100

dens<-0.1
BinMat <- matrix(0, r, c,dimnames = list(paste('row',1:r,sep=''),paste('col',1:c,sep='')))
BinMat[sample(r*c,round(r*c*dens))]<-1

#Executing mutual exclusivity sorting
sortedMat<-MExMaS.HeuristicMutExSorting(BinMat)

#visualising original matrix
pheatmap(BinMat,cluster_rows = FALSE,cluster_cols = FALSE,
          legend = FALSE,show_colnames = FALSE,show_rownames = FALSE,main='Original Matrix',
          col=c('white','blue'))
```

**Original Matrix**



```
#visualising sorted matrix  
pheatmap(sortedMat,cluster_rows = FALSE,cluster_cols = FALSE,  
          legend = FALSE,show_colnames = FALSE,show_rownames = FALSE,main='Sorted Matrix',  
          col=c('white','blue'))
```

**Sorted Matrix**

