

# Challenge Exercise

What does `mtabulate` do?

Can you find another way to do the same thing?  
Another function or snippet of code?

<https://stackoverflow.com/questions/16267552/dummy-variables-from-a-string-variable>

```
surveymonths <- unique(unlist(strsplit(safi$months_lack_food, ";")))  
results <- t(sapply(strsplit(safi$months_lack_food, ";"),  
                    `%in%`, x=surveymonths)) + 0  
dimnames(results) <- list(seq(nrow(results)), seq(ncol(results)))
```

```
install.packages("splitstackshape")  
library(splitstackshape)  
concat.split.expanded(safi, "months_lack_food", ";", fill=0,  
                      type="character")
```