**#####################################################################################**

**################################### IMPORTING HGI ###################################**

**################# AND CREATING LISTS OF POSITIVE AND NEGATIVE SENTIMENT WORDS #######**

**######################### STORED IN R-FILE SentimentWords.Rdata #####################**

**#####################################################################################**

**HGI = read.csv("C:\\Johannes Ledolter\\2020March01Book\\Chapter6WEB\\HGI.csv",header=TRUE,stringsAsFactors=F)**

**dim(HGI)**

**ind1=HGI[,2]=="Positiv"**

**ind1**

**ind2=HGI[,3]=="Negativ"**

**ind2**

**pos=HGI[ind1,1]**

**neg=HGI[ind2,1]**

**s=dim(length(pos))**

**for (i in 1:length(pos)) {**

**u=toString(pos[i])**

**s[i] = strsplit(u,"#")[[1]][1]**

**}**

**pos=tolower(unique(s))**

**s=dim(length(neg))**

**for (i in 1:length(neg)) {**

**u=toString(neg[i])**

**s[i] = strsplit(u,"#")[[1]][1]**

**}**

**neg=tolower(unique(s))**

**length(pos)**

**length(neg)**

**pos ## vector of positive words**

**neg ## vector of negative words**

**## removing words with both positive and negative sentiment**

**comb=c(pos,neg)**

**common=intersect(pos,neg)**

**pos=pos[!pos %in% common]**

**neg=neg[!neg %in% common]**

**length(pos)**

**length(neg)**

**## lists of words with positive / negative sentiment**

**pos ## vector of positive words**

**neg ## vector of negative words**

**pos[1:20]**

**neg[1:20]**

**## store worksheet**

**save.image(file = "C:\\Johannes Ledolter\\2020March01Book\\Chapter6WEB\\SentimentWords.RData")**

**rm(list = ls())**

**load("C:\\Johannes Ledolter\\2020March01Book\\Chapter6WEB\\SentimentWords.RData")**