###########################################

Sample Code to append features of a problem with existing pattern catalog. E.g.

##########################################

Dataset.file<- "D:/NewExperimentjournal/Problem\_Allocation\_Only\_wiegthing\_Not\_Features/New\_Exp\_ProblemAllocation\_Clsuters/GoF\_Problems8/Problem-1-adapter.csv"

Dataset1 <- read.csv(Dataset.file,header=TRUE)

Dataset.file<- "D:/NewExperimentjournal/Problem\_Allocation\_Only\_wiegthing\_Not\_Features/New\_Exp\_ProblemAllocation\_Clsuters/GoF/binary\_orig.csv"

Dataset2 <- read.csv(Dataset.file,header=TRUE)

Rows2 <- nrow(Dataset2)

Rows1<-nrow(Dataset1)

for(word in names(Dataset2))

{

for(k in 1:Rows1)

{

if(strcmp(word,Dataset1[k,2]))

{

Dataset2[Rows2+1,word] <- Dataset1[k,3]

}

}

}

Dataset2[is.na(Dataset2)] <- 0

################################################################

###########################################

Sample Code to append features of a problem with existing pattern catalog. E.g.

##########################################

setwd("D:/NewExperimentjournal/Problem\_Allocation\_Only\_wiegthing\_Not\_Features/New\_Exp\_ProblemAllocation\_Clsuters/Security\_Problem49")

temp1 = list.files(pattern="\*.csv")

for (i in 1:length(temp1)) assign(temp1[i], read.csv(temp1[i]))

totalfiles1<- length(temp1)

Dataset.file<- "D:/NewExperimentjournal/Problem\_Allocation\_Only\_wiegthing\_Not\_Features/New\_Exp\_ProblemAllocation\_Clsuters/Datasets\_allfeature\_frequency/GoF\_Orig.csv"

Dataset <- read.csv(Dataset.file,header=TRUE)

for(i in 1: totalfiles1)

{

Dataset2 <- Dataset

Dataset1<- read.csv(temp1[i],header=TRUE)

Rows2 <- nrow(Dataset2)

Rows1<-nrow(Dataset1)

for(word in names(Dataset2))

{

for(k in 1:Rows1)

{

if(strcmp(word,Dataset1[k,2]))

{

Dataset2[Rows2+1,word] <- Dataset1[k,3]

}

}

}

Dataset2[is.na(Dataset2)] <- 0

Filename <- paste("Secuirty\_Orig\_with\_", substr(temp1[i],1, nchar(temp1[i])-4), ".csv", sep="")

write.csv(Dataset2, Filename)

}