**Purpose:** A function to get Logs and Slip information directly from SQL or if they already exist to grab them from a flat file. The file needed the databases updated as they were pointing to old one. I also added in a loop so that we could grab multiple years data and export them to flat files if we ever wanted to. Fixed a couple other minor issues as noted in the function. You need access to the marfissci schema to access these tables.

**Version Control:**

**Function Arguments Summary**

1. **yr:** The year from which to extract the data
2. **export:** Export the data to flat files
3. **get.data:** Default is "dump" which extracts data from flat files already created. If reading from the database choose "marfis"
4. **un:** your SQL username. default = "user" does not work
5. **pw:** Your SQL password. default is "pass" which does not work
6. **db.con**: Database to connect to. Default is "ptran"

**Section 1**

There is just one section for this function. A for loop has been added to allow the flexibility of making multiple year calls to the function. The data is obtained from one of two sources (see below) then cleaned up and the results are exported back to the R environment or optionally to flat files.

***Argument(s)***

* **get.data**: Where is the data obtained from, two options
  1. *marifs*: the function opens the marfissci database and extract the log and slip information for the year(s) indicated by the yr argument
  2. *dump*: the data are obtained from flat files found here at Y:/Offshore scallop/Amy/[year]fisherydata/[year]log.csv

**Function Index**

%in%

as.factor

assign

c

for

function

If

ifelse

length

odbcCloseAll

odbcConnect

paste

read.table

require

sqlQuery

stop

with

write.table