TEAM HVAC

MONGODB CRASH COURSE

INTERNAL USE

1. Install MongoDB on your Unix-like machine (linux or MACOS for Gabe)
   a. I.e. "sudo apt install mongodb"
   b. The binary package I have pushed to the david_branch is for my 32 BIT LAPTOP ONLY and has filesize limits not present on 64bit systems!!!
2. Create a new prices "table"
   a. Enter the Mongo Shell by entering "mongo" into your Unix Shell
   b. Enter the command "> use prices"
   c. Note: mongoDB does not really use tables but "documents" – monbodb is a NOSQL database… its kinda weird but works when you get it
3. Load the HVAC_PRICES.csv into a new "table"
   a. The command I used to load the prices .csv into the "prices" document with the rtp_prices "element" is as follows:

mongoimport -d prices -c rtp_prices --type csv --file HVAC_PRICES.csv --headerline

   b. Run that command in your NORMAL UNIX shell. NOT IN THE MONGO SHELL.
4. Query the prices document for the month, day, hour you want:
   a. Re-enter the mongo shell using the "mongo" command
   b. Make sure you "use prices" to switch to correct db
   c. Use command as follows. Note the brackets, replace #'s appropriately

> db.rtp_prices.find({"MONTH" : #, "DAY" : #, "HOUR" : #})