**Setup (One time)**

**Download Python**

<https://www.python.org/downloads/>

Click button below “Download latest version for Windows”

When installing Python, make sure to click Add Python 3.7 to Path

**Open command line**

Press Wind + R

Type: cmd

Hit enter or click OK

**Install modules** (Code that allows my program to work with Excel)

In command line, type: pip install openpyxl

* 1. If this is successful, you will see “Successfuly installed …” towards the bottom
  2. If not, panic and loudly scream “help”

**Download my program**

After downloading it from my email, drag it to your desktop

Make sure not to rename the program

**Running the program (Every time)**

**Save the Item Description excel sheet to your Desktop**

**Save the PO download excel sheet to your Desktop**

Rename the PO download sheet as follows:

Amazon: AMAZON

Camping World: CAMP

Dick’s Sporting Goods: DICKS

Home Depot: HOMEDEPOT

Sam’s Club: SAMS

Target: TARGET

Walmart: WALMART

**Double click my program**

It should create an excel sheet on your Desktop called SBT\_(COMPANY)

**Open new SBT excel sheet and check for errors**

**To run the program again with a new PO download sheet, delete the current one from your Desktop and repeat these steps.**

**Sources of Error/More in Depth view**

Unfortunately, some categories needed to create SBT Upload Assist Sheet are not present on the PO download sheet.

To fix this, my program uses the Item Description excel sheet to generate the missing categories such as item description.

For example, Walmart does not contain item prices on its PO sheet. To fix address this, the Item Description sheet has a list of all possible caravan item numbers, and their corresponding prices. The program will use take each item number and generate its price. (Map item number to price)

Companies differ in which categories are missing, for a full comparison of how the companies differ see *Appendix A*

The item description sheet must be up to date for the program to work properly.

For example, if the PO Sheet for Walmart comes in with an item that is not on the Item Description sheet, the program will not know what price the item number maps to.

If this is the case, instead of outputting the correct price, the program will output “! ! ! Update Item Description Sheet” to the SBT Upload Assist Sheet.

So, after running the program a CTRL + F search for “!” should quickly show If any information is missing

APPENDIX A

Variance Between Companies

**AMAZON**

-PO Line is not given

Program assumes it is “1”

**DICKS**

-Item number and description together in one function to avoid repetition.

-Item number is not given, only UPC Code.

Program Maps UPC Code to item number

**HOME DEPOT**

-Sometimes missing initial 0’s for PO# (Glitch in PO Download Sheet)

Program fixes this by prepending 0’s to the PO# to make the length 8 digits long.

**SAMS**

-Carrier is not given

Program assumes carrier code is always “3PT FDXG”

- Sometimes missing initial 0’s for PO# (Glitch in PO Download Sheet)

Program fixes this by prepending 0’s to the PO# to make the length 8 digits long.

**Walmart**

-Price is not given

Program Maps Item number to price

Note: Carrier comes in differently for every company. Each company has its own row on the item description sheet to generate its carrier code.