Who Worked on What

Cecil: created all of the GUI aspects of our final project in Kinter, this includes the research of how to make it, its design, and its functionality. Also created function definitions: parse, getURLs, and extractData

Taj: come up with project idea, wrote the project proposal, built dictionary to store AWS unique identifiers, wrote backup version of how the program should run Kinter not work

Kayla: created presentation poster based on what the Kinter was doing, started function definition for budget aspect of program

All Together: Found AWS unique identifiers to be drawn from the Amazon API,

Technical Walkthrough

Inputs: what user is looking for

Outputs: what is available for purchase through the Amazon web API, include the products’ vendor location, sale / original price, availability, and description.

Algorithms:

* Import json, and necessary plug-ins
* Decide which dictionary keys to search for with AWS and create function definitions (getUrls, and parse) to get those
* Build empty dictionary to put those AWS identifiers into
* Build Kinter to act as GUI, including button’s names, locations, and functionality

Deviations from Original Plan

* Had no time to figure out how to implement budget tracker
* Didn’t end up including way to add items to shopping cart; final program more list, than cart because of time constraints and Jupyter Notebook not doing a good job with rendering images