# Asmith Practical Task Documentation

## Before running the code

I have removed the contents of ‘digikey\_token’ so the client ID and Client Secret are not on a public GitHub Repo. The contents of this need to be in the following format:  
  
{"client\_id": "ADD CLIENT ID HERE", "client\_secret": "ADD CLIENT SECRECT HERE"}

## Running the code

The main file is ‘GUI\_DigikeyPricing’.

Running this file will open a new window where you can select a CSV file and enter a number of sets (such as 50).

To get the price information using the API, press ‘Start Pricing’.

Some prompts will appear to state what stage the application is in.

Once finished, it will prompt if any errors have occurred in getting the prices.

A button will then appear, allowing you to view the list of items with an error.

Additionally, labels will appear showing the total prices, along with a button to view all the information received from the API.

CSV files are generated for both the list of errors and the API output, which can be found in the same location as the main file.

## Error Handling

Some simple error handling has been included, such as prompting the user if they have not selected a CSV file or have not entered a number of sets when trying to run the application.

## Ideas for further improvement

* Adding functionality to easily call to the API with another CSV file.
* Auto-sizing of external windows that show CSV information.
* Allow for multiple CSV files to be selected.