04/28/2016

Currency Converter

# Goal

## Allow the user the produce a converted amount from one currency to another

# IMPORTS

## If you do not already have requests installed, install via pip

## Linux/OSX: pip3 install requests

## Windows: pip install requests

# GLOBAL VARIABLES

## CURRENCY\_TABLE stores the country codes and there respective country

# Currency-runner.py

#### Imports main.py from devel folder and runs the main program via main.convert\_currency()

# Main.pY

### The print\_startup() function welcomes the user to the program and iterates over a for loop and prints the country codes.

### Convert\_Currency() function

### The Convert\_Currency function brings the program together with the actual converting of the currency.

### Line 29 prints the startup function.

### Lines 31 – 34 declare the variables we will need from the user and also the base of the website API the data will be scraped from.

### Line 37 crafts the URL so we scrape the correct data.

### Line 39 declares the variable response which will capture our data, this is where the data will be pulled, the .json will format the data as a dictionary.

### And finally Lines 46 & 48 will print the data the user enetered along with the data pulled from fixer.io.