README

CS 325 Project 2: Coin Change

Group 3

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Running Our Code

Our group used Python 3.x to write our code, and as such, it does not need to compile. To run on the
FLIP servers, enter the following command:

python project2group3.py

Selecting the Input File

After our code is executed, it will prompt you for a file name. You can enter the full file name (e.g.
coins.txt) or just the name without the extension (e.g. coins). The input file needs to be in the correct
format of an array line of coin denominations, followed by a line with the amount of change you want to
make. For example, the input file should look like the following example:

[1, 5, 10, 25]
50
[1, 3, 12, 33]
128

IMPORTANT: It is critical that there are no new lines after the last change amount line. If there is, the
program will crash and not produce any results. Ensure the input file does not have any empty lines at
the end of the file.

The Results

The results will be produced in two separate files which will automatically be named *inputFile*change.txt
and *inputFile*change.csv, where *inputFile* is the name of the file you entered in the prompt. The .txt file
will contain the quantities of each coin used, and the total number of coins used. The .csv file will
contain the original amount of change to be made, along with the total running time (in microseconds) it
took to make.