

Assignment 5 implements Banker's Algorithm for one or multiple resources. The source code is contained in one Python program, *bankers.py*. The execution instructions are included below:

Input: you can specify the input file, which must follow the format given in the assignment instructions. Four sample input files are provided: **input1.txt**, **input 2.txt**, **input3.txt** and **input6.txt**. These names correspond to how many resources are being simulated (input1.txt uses a single resource, while input3.txt uses three resources, etc.)

The parameter to specify an input file is at the very bottom of bankers.py (*in_file = "input1.txt"*)

Output: the correctness of the algorithm can be verified by running any one of these four input files. These provided files should all run to completion without any errors, and each process should be completed upon the program's termination. The output format given is identical to the sample provided in the assignment instructions

This program requires Python 3.0 or higher.