

1. Output

The following illustrates an execution of the POST 1 program for the given example product catalog and transaction test file.

Input files:

Product catalog (<i>products.txt</i>)			Transactions file (<i>transactions.txt</i>)
A000	Hamburger meat (lb)	0005.99	Sam
A001	American cheese (lb)	0002.49	A000 3
A002	Hamburger sauce(gal)	0001.99	A001
A003	Hamburger bun(dozen)	0001.29	CASH \$50.0
XBHH	Paper towels (dozen)	0004.99	
			John
			A002 10
			CREDIT 1234123412341234
			Wilfred
			A001 3
			CHECK \$100.0

Program output:

Transaction log (<i>log.txt</i>); also written to console:			
STORE NAME 123 Address St.			
Sam	2013-02-11 08:00:11		
American cheese (lb)	1 @ \$2.49	\$2.49	
Hamburger meat (lb)	3 @ \$5.99	\$17.97	

Total: \$20.46			
Amount Tendered: \$50.00			
Amount Returned: \$29.54			
STORE NAME 123 Address St.			
John	2013-02-11 08:00:11		
Hamburger sauce(gal)	10 @ \$1.99	\$19.90	

Total: \$19.90			
Paid by Credit Card 1234123412341234			
STORE NAME 123 Address St.			
Wilfred	2013-02-11 08:00:11		
American cheese (lb)	3 @ \$2.49	\$7.47	

Total: \$7.47			
Paid by check			