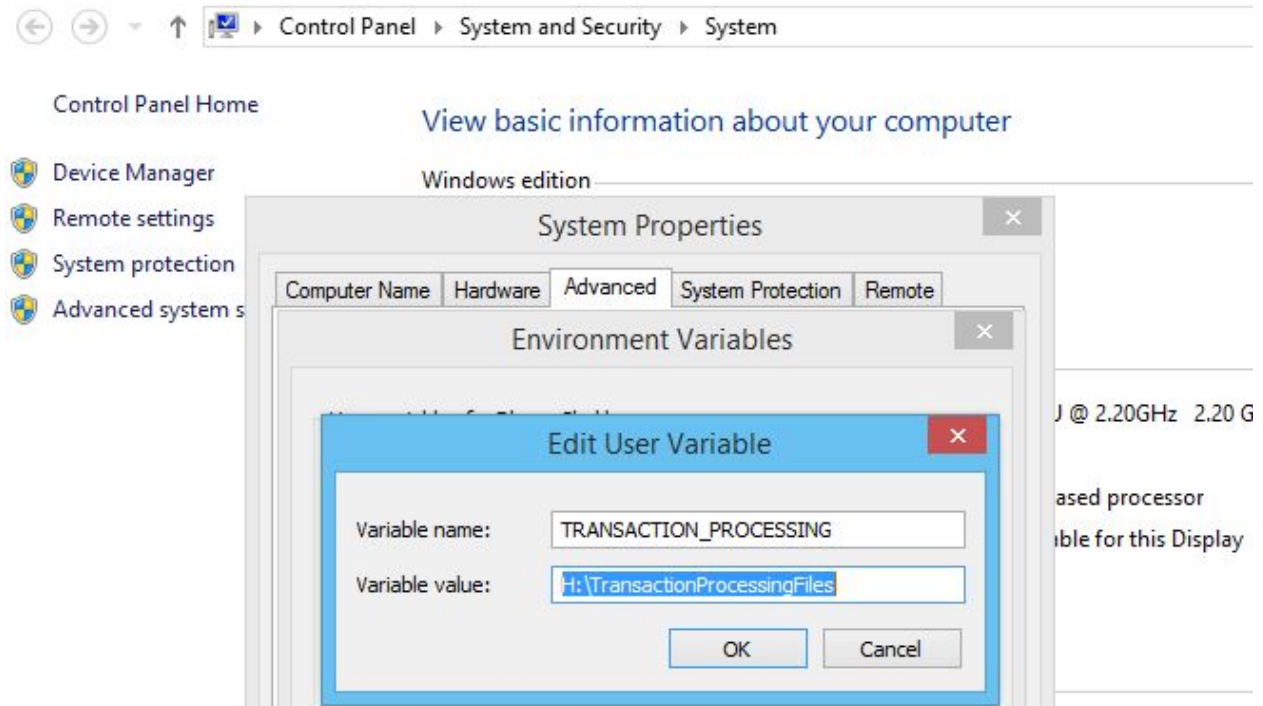
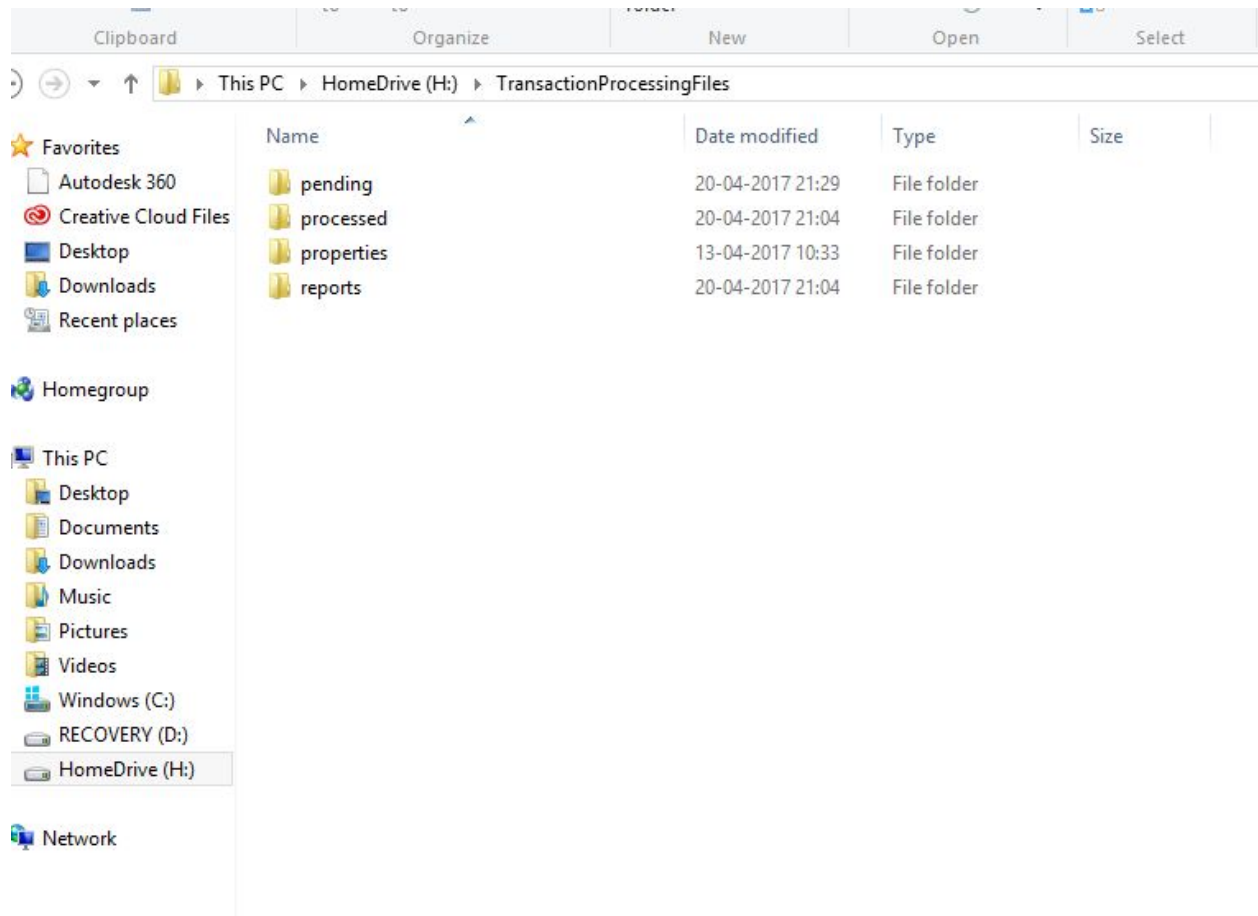


Step1:Please set the Environment variables and restart the system.

As suggested in the Coding Challenge document , The TRANSACTION_PROCESSING key points to any arbitrary location in the System and it is H:\TransactionProcessingFiles.

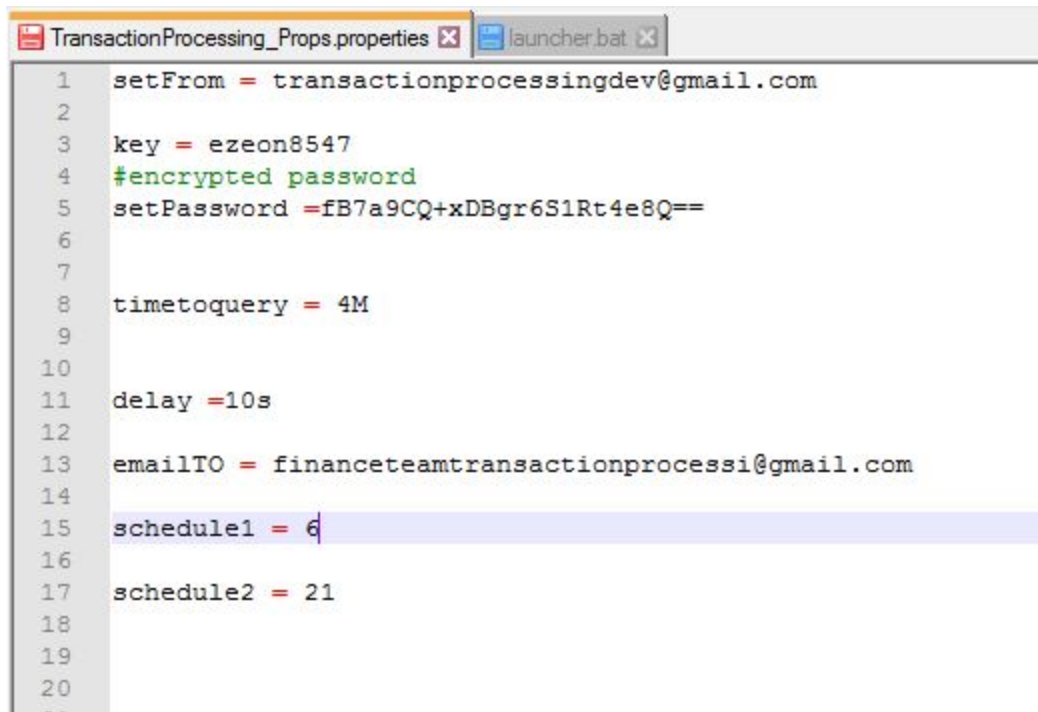


Below is the folder structure.



Step 2:

The properties files in the properties folder in the same location has the below contents.



```
1 setFrom = transactionprocessingdev@gmail.com
2
3 key = ezeon8547
4 #encrypted password
5 setPassword =fB7a9CQ+xDBgr6S1Rt4e8Q==
6
7
8 timetoquery = 4M
9
10
11 delay =10s
12
13 emailTO = financeteamtransactionprocessi@gmail.com
14
15 schedule1 = 6
16
17 schedule2 = 21
18
19
20
```

Since the files are expected to be received at 6:00 and 21:00 hours and so the schedule1=6 and schedule2 = 21 and also we can add more number of schedules , update them without touching the code base.

Note:

Password is encrypted, using the Encryption utility , the password is decrypted at run time.

Step 3:

Put the csv file (finance_customer_transactions-20170413102300.csv)in
H:\TransactionProcessingFiles\pending folder as suggested.

Contents of csv are in below format as suggested in the Coding challenge document.

```
1 "Customer Account#","Transaction Amount"
2 12q3456789,100.00
3 asww23,-50.00
4 124578965,25
5
6
```

Step4:

See the output in
processed folder of same location as

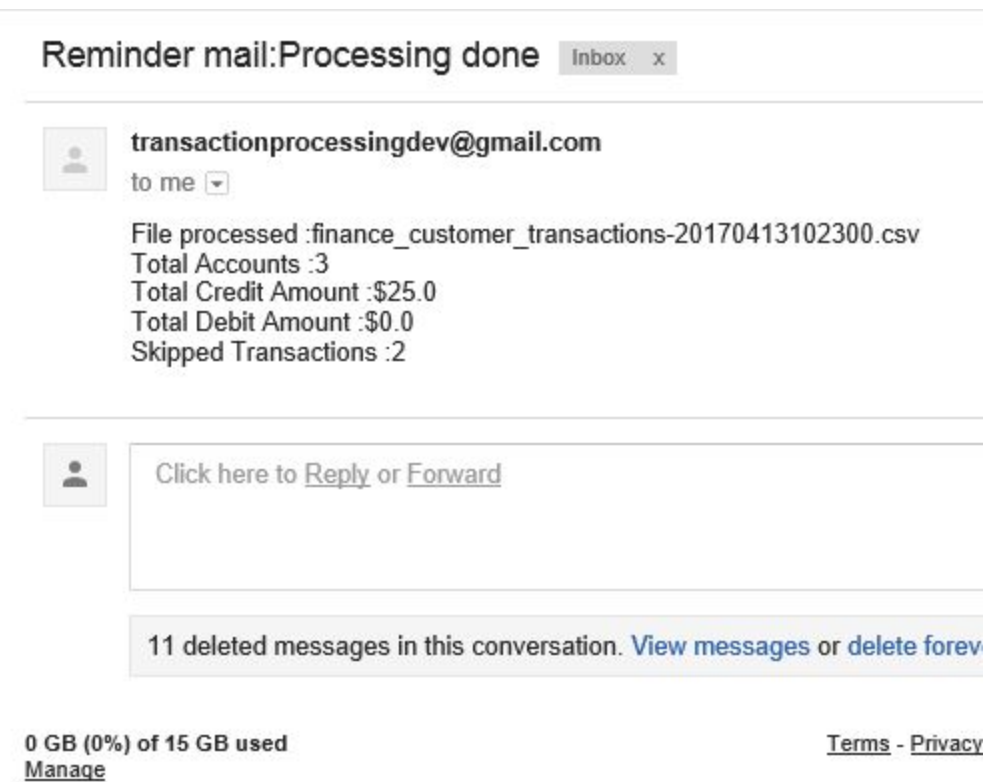
Finance_customer_transactions_processed--20170413102300.csv

And the reports folder with the report txt file.

```
Created on : (YYYYMMDDHHmmss)
20170510093820
File processed :finance_customer_transactions-20170413102300.csv
Total Accounts :3
Total Credit Amount :$25.0
Total Debit Amount :$0.0
Skipped Transactions :2
```

Also an email is sent to the Finance team configured in the properties file.

Below is the email screen shot.



Thank you.