

INPUT FILE AND SCRIPT DIRECTORY BEFORE RUNNING THE SCRIPT

OSDisk (C:) > Python > Merge

Name	Date modified	Type	Size
Merge_Files.py	2/1/2022 8:44 AM	PY File	3 KB
Updated_Delimiter1.csv	1/15/2022 3:11 PM	Microsoft Excel C...	1 KB
Updated_Delimiter2.csv	1/15/2022 3:11 PM	Microsoft Excel C...	1 KB
Updated_Delimiter3.csv	2/1/2022 8:43 AM	Microsoft Excel C...	1 KB
Updated_Delimiter4.csv	1/15/2022 3:11 PM	Microsoft Excel C...	1 KB
Updated_Incorrect_Delimiter1.csv	2/1/2022 8:41 AM	Microsoft Excel C...	1 KB

CONTENT OF ONE OF THE **CORRECT** INPUT FILES WITH THE NUMBER OF DELIMITER = 7

```
Journal Entry Number, GL Account Number, TB Account Number, Amount, Business Unit, Tran Date, Comments, Approval_ID
20210101M11,12103000000,12103000000,560,1009,1/1/2021,Valid Record,FIVUSR
20210101M12,12103000000,12103000000,560,1009,1/1/2021,Valid Record,FIVUSR
20210101M21,12103000000,12103000000,6000,1054,1/1/2021,Valid Record,FIVUSR
20210101M22,12103000000,12103000000,6000,1009,1/1/2021,Valid Record,FIVUSR
20210101M31,12103000000,12103000000,403,3003,1/1/2021,Excess Comma ,FIVUSR
20210101M32,12103000000,12103000000,1,3003,1/1/2021,Excess Comma ,FIVUSR
20210101M33,2.20112E+13,1240000603,403,22,1/1/2021,Valid Record,FIVUSR
20210101M34,9.40115E+13,1511100009,0.99,94,1/1/2021,Valid Record,FIVUSR
20210101M35,1.22011E+14,1240000607,0.01,122,1/1/2021,Valid Record,FIVUSR
```

CONTENT OF THE **INCORRECT** INPUT FILES WITH THE NUMBER OF DELIMITER = 8

```
Journal Entry Number, GL Account Number, TB Account Number, Amount, Business Unit, Tran Date, Comments, Approval_ID
20210101M11,12103000000,12103000000,560,1009,1/1/2021,Valid Record,FIVUSR,
20210101M12,12103000000,12103000000,560,1009,1/1/2021,Valid Record,FIVUSR,
20210101M21,12103000000,12103000000,6000,1054,1/1/2021,Valid Record,FIVUSR,
20210101M22,12103000000,12103000000,6000,1009,1/1/2021,Valid Record,FIVUSR,
20210101M31,12103000000,12103000000,403,3003,1/1/2021,Excess Comma ,FIVUSR,
20210101M32,12103000000,12103000000,1,3003,1/1/2021,Excess Comma ,FIVUSR,
20210101M33,2.20112E+13,1240000603,403,22,1/1/2021,Valid Record,FIVUSR,
20210101M34,9.40115E+13,1511100009,0.99,94,1/1/2021,Valid Record,FIVUSR,
20210101M35,1.22011E+14,1240000607,0.01,122,1/1/2021,Valid Record,FIVUSR,
```

AFTER RUNNING THE SCRIPT:

```
C:\Users\VF448EM\AppData\Local\Programs\Python\Python39\python.exe C:/Python/Merge/Merge_Files.py
Processing C:/Python/Merge/Updated_Delimiter1.csv
{7: 10}
Processing C:/Python/Merge/Updated_Delimiter2.csv
{7: 9}
Processing C:/Python/Merge/Updated_Delimiter3.csv
{7: 9}
Processing C:/Python/Merge/Updated_Delimiter4.csv
{7: 9}
Processing C:/Python/Merge/Updated_Incorrect_Delimiter1.csv
{7: 2, 8: 7}
Process finished with exit code 0
```

The **7 (key)** is the number of delimiters per file per row.

The **10/9/2 (values)** are the # rows for that delimiter.

There are 10 rows in Updated_Delimiter1.csv with commas as its delimiter. The number of commas per row is 7.

CONTENT OF THE OUTPUT FILE

```
Journal Entry Number, GL Account Number, TB Account Number, Amount, Business Unit, Tran Date, Comments, Approval_ID
20210101M11,1210300000,1210300000,560,1009,1/1/2021,Valid Record,FIVUSR
20210101M12,1210300000,1210300000,560,1009,1/1/2021,Valid Record,FIVUSR
20210101M21,1210300000,1210300000,6000,1054,1/1/2021,Valid Record,FIVUSR
20210101M22,1210300000,1210300000,6000,1009,1/1/2021,Valid Record,FIVUSR
20210101M31,1210300000,1210300000,403,3003,1/1/2021,Excess Comma ,FIVUSR
20210101M32,1210300000,1210300000,1,3003,1/1/2021,Excess Comma ,FIVUSR
20210101M33,2.20112E+13,1240000603,403,22,1/1/2021,Valid Record,FIVUSR
20210101M34,9.40115E+13,1511100009,0.99,94,1/1/2021,Valid Record,FIVUSR
20210101M35,1.22011E+14,1240000607,0.01,122,1/1/2021,Valid Record,FIVUSR
20210101M11,1210300000,1210300000,560,1009,1/1/2021,Valid Record,FIVUSR
20210101M12,1210300000,1210300000,560,1009,1/1/2021,Valid Record,FIVUSR
20210101M21,1210300000,1210300000,6000,1054,1/1/2021,Valid Record,FIVUSR
20210101M22,1210300000,1210300000,6000,1009,1/1/2021,Valid Record,FIVUSR
20210101M31,1210300000,1210300000,403,3003,1/1/2021,Excess Comma ,FIVUSR
20210101M32,1210300000,1210300000,1,3003,1/1/2021,Excess Comma ,FIVUSR
20210101M33,2.20112E+13,1240000603,403,22,1/1/2021,Valid Record,FIVUSR
20210101M34,9.40115E+13,1511100009,0.99,94,1/1/2021,Valid Record,FIVUSR
20210101M35,1.22011E+14,1240000607,0.01,122,1/1/2021,Valid Record,FIVUSR
20210101M11,1210300000,1210300000,560,1009,1/1/2021,Valid Record,FIVUSR
20210101M12,1210300000,1210300000,560,1009,1/1/2021,Valid Record,FIVUSR
20210101M21,1210300000,1210300000,6000,1054,1/1/2021,Valid Record,FIVUSR
20210101M22,1210300000,1210300000,6000,1009,1/1/2021,Valid Record,FIVUSR
20210101M31,1210300000,1210300000,403,3003,1/1/2021,Excess Comma ,FIVUSR
20210101M32,1210300000,1210300000,1,3003,1/1/2021,Excess Comma ,FIVUSR
20210101M33,2.20112E+13,1240000603,403,22,1/1/2021,Valid Record,FIVUSR
20210101M34,9.40115E+13,1511100009,0.99,94,1/1/2021,Valid Record,FIVUSR
20210101M35,1.22011E+14,1240000607,0.01,122,1/1/2021,Valid Record,FIVUSR
20210101M11,1210300000,1210300000,560,1009,1/1/2021,Valid Record,FIVUSR
20210101M12,1210300000,1210300000,560,1009,1/1/2021,Valid Record,FIVUSR
20210101M21,1210300000,1210300000,6000,1054,1/1/2021,Valid Record,FIVUSR
20210101M22,1210300000,1210300000,6000,1009,1/1/2021,Valid Record,FIVUSR
20210101M31,1210300000,1210300000,403,3003,1/1/2021,Excess Comma ,FIVUSR
20210101M32,1210300000,1210300000,1,3003,1/1/2021,Excess Comma ,FIVUSR
20210101M33,2.20112E+13,1240000603,403,22,1/1/2021,Valid Record,FIVUSR
20210101M34,9.40115E+13,1511100009,0.99,94,1/1/2021,Valid Record,FIVUSR
20210101M35,1.22011E+14,1240000607,0.01,122,1/1/2021,Valid Record,FIVUSR
```

CONTENT OF EXCEPTION FILE. RECORDS WITH 8 COMMAS

```
20210101M11,1210300000,1210300000,560,1009,1/1/2021,Valid Record,FIVUSR,
20210101M12,1210300000,1210300000,560,1009,1/1/2021,Valid Record,FIVUSR,
20210101M21,1210300000,1210300000,6000,1054,1/1/2021,Valid Record,FIVUSR,
20210101M22,1210300000,1210300000,6000,1009,1/1/2021,Valid Record,FIVUSR,
20210101M31,1210300000,1210300000,403,3003,1/1/2021,Excess Comma ,FIVUSR,
20210101M32,1210300000,1210300000,1,3003,1/1/2021,Excess Comma ,FIVUSR,
20210101M33,2.20112E+13,1240000603,403,22,1/1/2021,Valid Record,FIVUSR,
```