

Evidence Of Tests

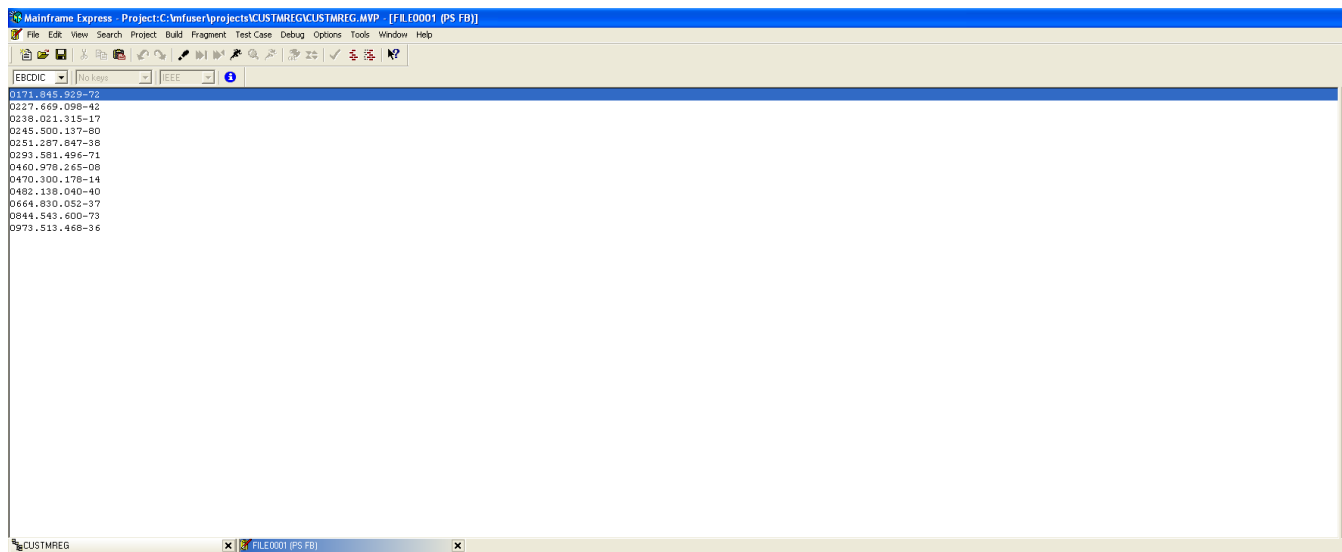
Program.....: CSRG0001

Date.....: 08/04/2020

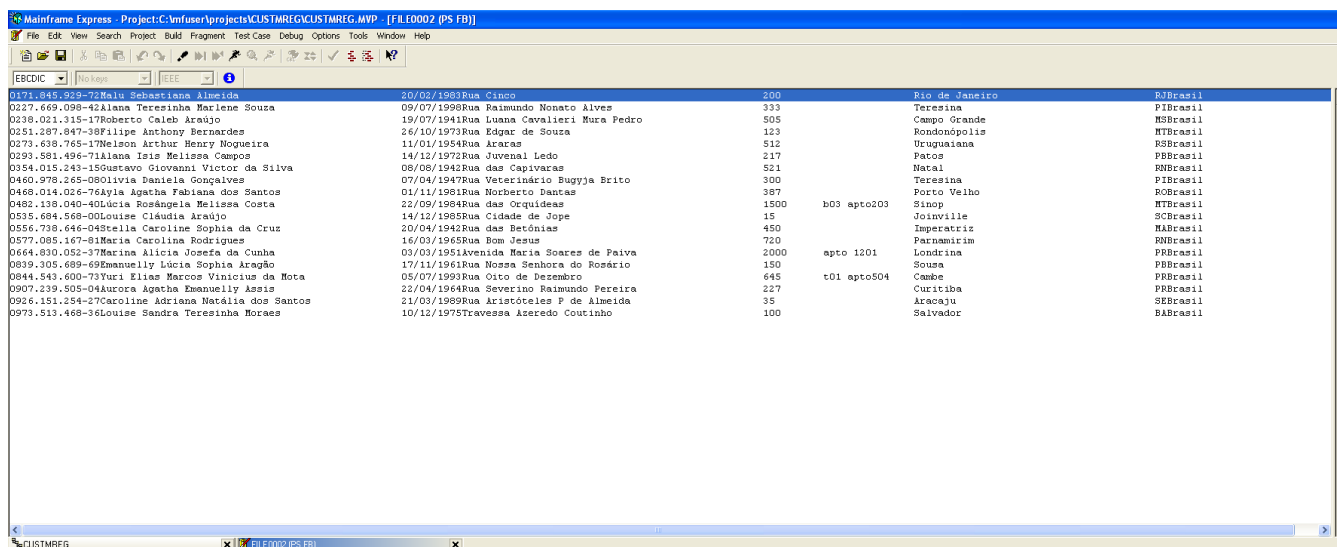
Developer...: Renan Muniz Merlo

Successful Execution:

Input file "FILE0001":



Input file "FILE0002":



JCL Execution Output:

The screenshot displays the Mainframe Express interface with the Project View for 'C:\mfuser\projects\CUSTOMREG\CUSTOMREG.MVP'. The 'Job Name' table lists two jobs: RENANM (Job No. 1084, Class Z, Step STEP02, Proc Step SYSOUT, Lines 56, User ID USERID, Crt Date 8/4/2020, Crt Time 00:38:41, Status Executed) and RENANM (Job No. 1084, Class Z, Step STEP02, Proc Step SYSOUT, Lines 15, User ID USERID, Crt Date 8/4/2020, Crt Time 00:38:41, Status Executed).

An 'Application Output - JCL Execution - Job RENANM' window is open, showing the following JCL execution log:

```
JCLCM0187I JOB SUBMITTED (JOBNAME=RENANM,JOENUM=1084)
JCLCM0188I JOB STARTED
JCLCM0190I STEP STARTED STEP01
JCLCM0191I STEP ENDED STEP01 - COND CODE 0000
JCLCM0190I STEP STARTED STEP02
JCLCM0191I STEP ENDED STEP02 - COND CODE 0000
JCLCM0182I JOB ENDED - COND CODE 0000
```

SYSOUT:

The screenshot displays the Mainframe Express interface with the Project View for 'C:\mfuser\projects\CUSTOMREG\CUSTOMREG.MVP'. The 'Job Name' table lists two jobs: RENANM (Job No. 1084, Class Z, Step STEP02, Proc Step SYSOUT, Lines 56, User ID USERID, Crt Date 8/4/2020, Crt Time 00:38:41, Status Executed) and RENANM (Job No. 1084, Class Z, Step STEP02, Proc Step SYSOUT, Lines 15, User ID USERID, Crt Date 8/4/2020, Crt Time 00:38:41, Status Executed).

An 'Application Output - JCL Execution - Job RENANM' window is open, showing the following SYSOUT output:

```
*****
* SUCCESSFUL EXECUTION *
*****
*MODULE.....:CSRG0001*
*COMPILED.....:07/04/20*
*.....:23.42.54*
*-----*
*RECORDS FILE0001....:0012*
*RECORDS FILE0002....:0019*
*RECORDS FILE0003....:0010*
*RECORDS FILEERR1....:0002*
*-----*
*EXECUTED.....:08-04-2020*
*.....:00:38:41*
*****
```

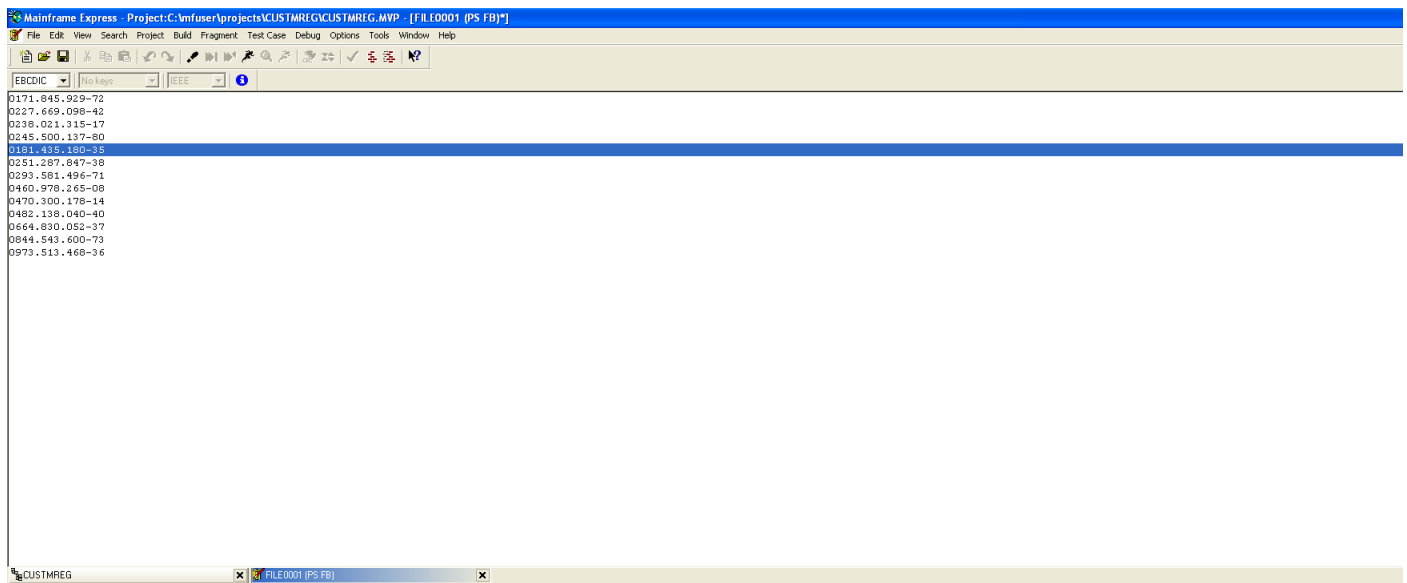
Output file "FILE0003":

FileEditViewSearchProjectBuildFragmentTest CaseDebugOptionsToolsWindowHelp

Output file "FILEERR1":

Execution with error:

1) File ordering error:



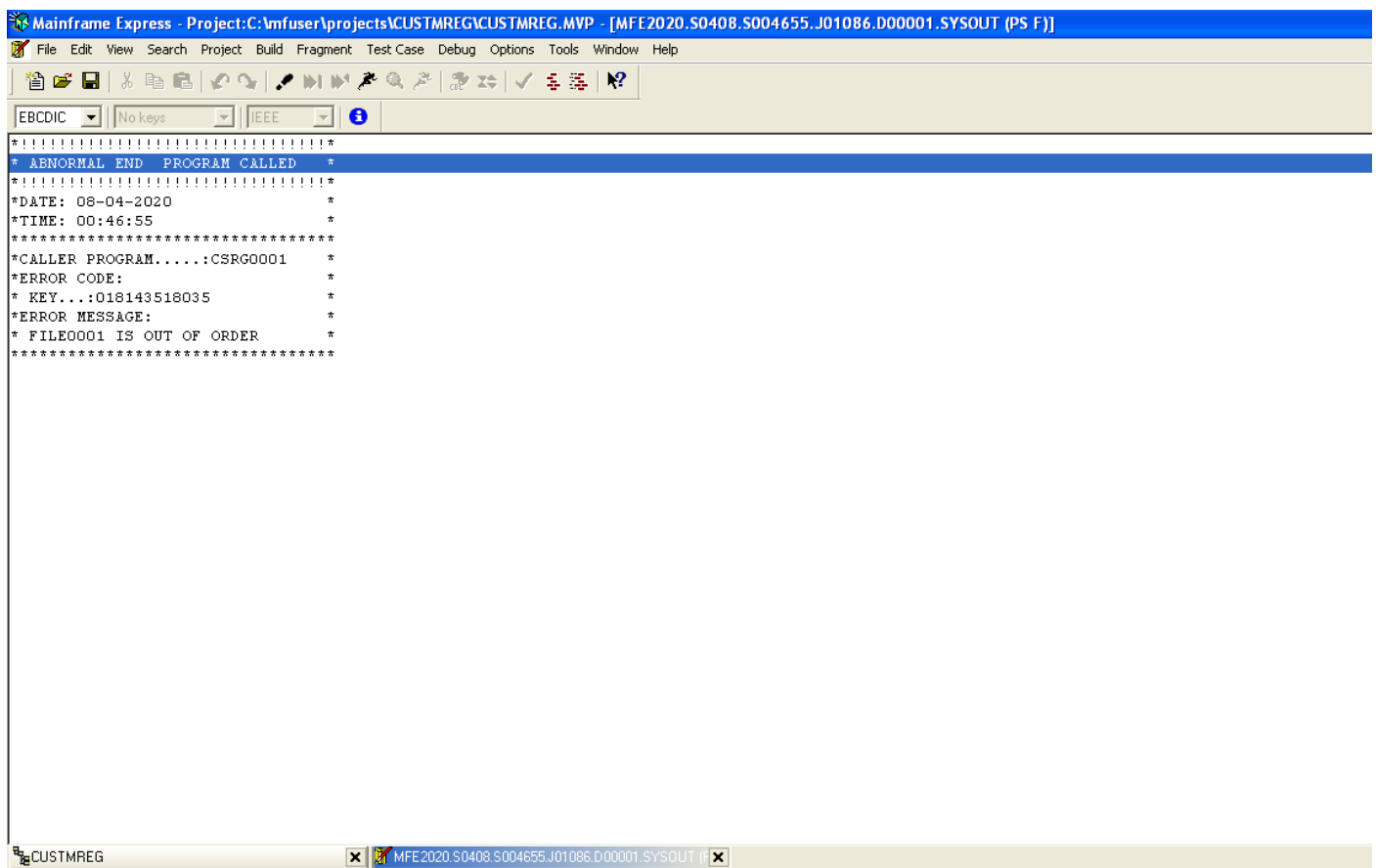
Mainframe Express - Project: C:\mfuser\projects\CUSTOMREG\CUSTOMREG.MVP - [FILE0001 (PS FB)*]

File Edit View Search Project Build Fragment Test Case Debug Options Tools Window Help

EBCDIC No keys IEEE

0171.845.929-72
0227.669.098-42
0238.021.315-17
0245.500.137-80
0181.435.180-35
0251.287.847-38
0293.581.496-71
0460.978.265-08
0470.300.178-14
0482.138.040-40
0664.830.052-37
0844.543.600-73
0973.513.468-36

CUSTOMREG FILE0001 (PS FB)



Mainframe Express - Project: C:\mfuser\projects\CUSTOMREG\CUSTOMREG.MVP - [MFE2020.S0408.S004655.J01086.D00001.SYSOUT (PS F)]

File Edit View Search Project Build Fragment Test Case Debug Options Tools Window Help

EBCDIC No keys IEEE

!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
* ABNORMAL END PROGRAM CALLED *
!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
*DATE: 08-04-2020 *
*TIME: 00:46:55 *

*CALLER PROGRAM.....:CSRG0001 *
*ERROR CODE: *
* KEY...:018143518035 *
*ERROR MESSAGE: *
* FILE0001 IS OUT OF ORDER *

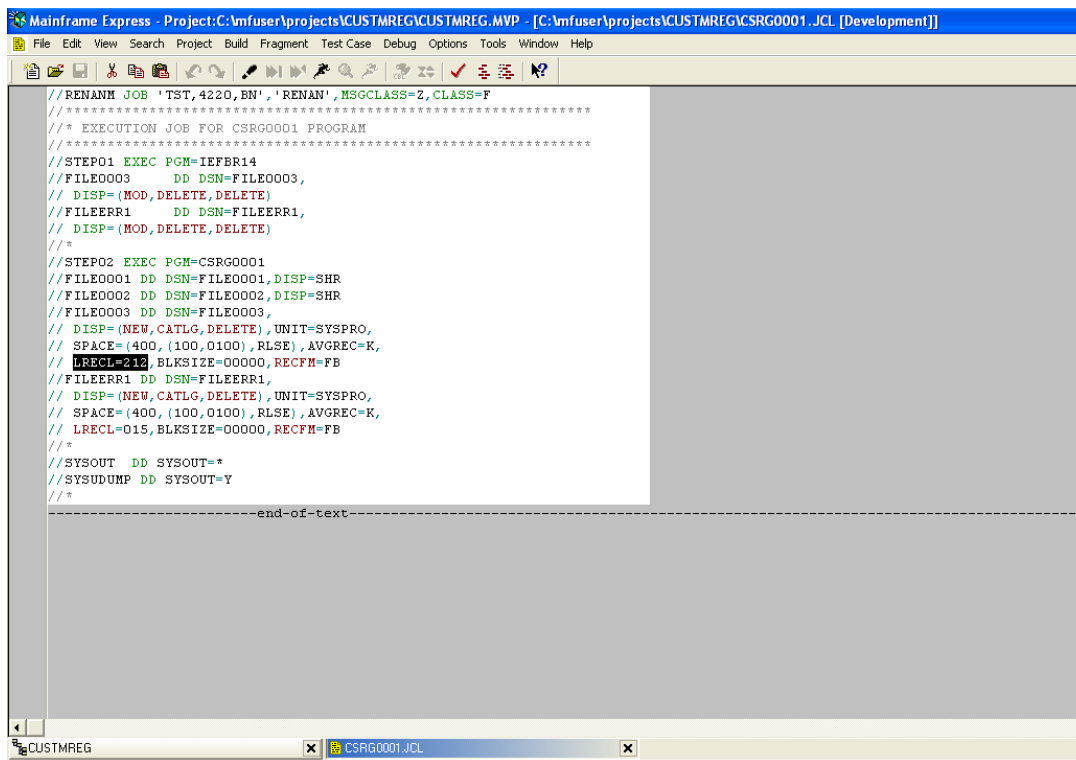
CUSTOMREG MFE2020.S0408.S004655.J01086.D00001.SYSOUT (PS F)

Mainframe Express - Project:C:\mfuser\projects\CUSTOMREG\CUSTOMREG.MVP - [FILE0002 (PS FB)*]					
File Edit View Search Project Build Fragment Test Case Debug Options Tools Window Help					
<div> <div>EBCDIC</div> <div>No keys</div> <div>IEEE</div> <div></div> </div>					
0171.045.929-72	Maiu Sebastiana Almeida	20/02/1983	Rua Cinco	200	Rio de Janeiro
0227.669.098-42	Alana Teresinha Marlene Souza	09/07/1998	Rua Raimundo Nonato Alves	393	Teresina
0238.021.315-17	Roberto Caleb Araújo	19/07/1941	Rua Luana Cavalieri Mura Pedro	505	Campo Grande
0251.287.847-38	Filipe Anthony Bernardes	26/10/1973	Rua Edgar de Souza	123	Rondonópolis
0273.638.765-17	Nelson Arthur Henry Nogueira	11/01/1954	Rua Araras	512	Uruguaiana
0293.581.496-71	Alana Isis Melissa Campos	14/12/1972	Rua Juvenal Ledo	217	Patos
0354.015.243-15	Gustavo Giovanni Victor da Silva	08/08/1942	Rua das Capivaras	521	Natal
0460.978.265-08	Olivia Daniela Gonçalves	07/04/1947	Rua Veterinário Bugyja Brito	300	Teresina
0468.014.026-76	Ayla Agatha Fabiana dos Santos	01/11/1981	Rua Norberto Dantas	387	Porto Velho
0215.220.035-18	Augusto dos Santos	21/07/1971	Rua dos Passaros	200	Sao Paulo
0482.138.040-40	Lúcia Rosângela Melissa Costa	22/09/1984	Rua das Orquideas	1500	Sinop
0535.684.568-00	Louise Cláudia Araújo	14/12/1985	Rua Cidade de Jope	15	Joinville
0556.738.646-04	Stella Caroline Sophia da Cruz	20/04/1942	Rua das Betônias	450	Imperatriz
0577.085.167-81	Maria Carolina Rodrigues	16/03/1965	Rua Bom Jesus	720	Parnamirim
0664.830.052-37	Marina Alicia Josefa da Cunha	03/03/1951	Avenida Maria Soares de Paiva	2000	Londrina
0839.305.689-59	Emmanuelly Lúcia Sophia Araújo	17/11/1961	Rua Nossa Senhora do Rosário	150	Souza
0844.543.600-73	Turi Elias Marcos Vinicius da Mota	05/07/1993	Rua Oito de Dezembro	645	Cambe
0907.239.505-04	Aurora Agatha Emanuelly Assis	22/04/1964	Rua Severino Raimundo Pereira	227	Curitiba
0926.151.254-27	Caroline Adriana Natália dos Santos	21/03/1989	Rua Aristóteles P de Almeida	35	Aracaju
0973.513.468-36	Louise Sandra Teresinha Moraes	10/12/1975	Travessa Ateredo Coutinho	100	Salvador

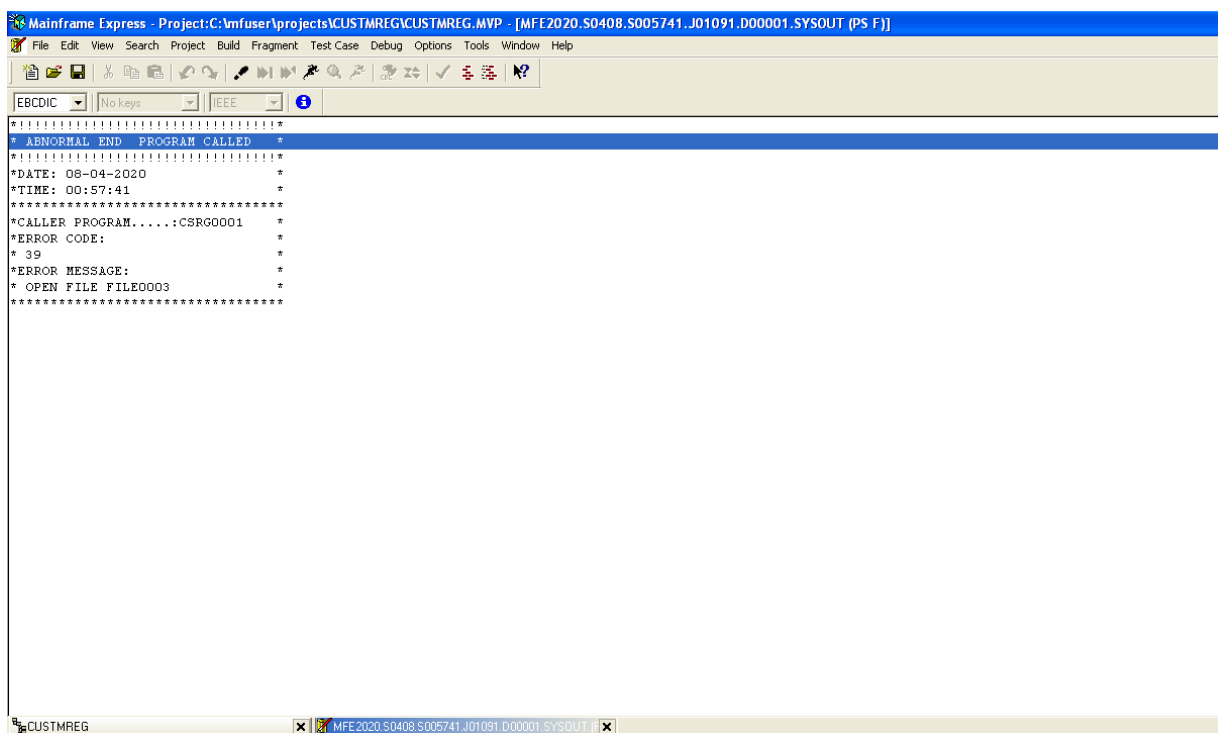
Mainframe Express - Project:C:\mfuser\projects\CUSTOMREG\CUSTOMREG.MVP - [MFE2020.S0408.S005034.J01087.D00001.SYSOUT (PS F)]					
File Edit View Search Project Build Fragment Test Case Debug Options Tools Window Help					
<div> <div>EBCDIC</div> <div>No keys</div> <div>IEEE</div> <div></div> </div>					
<pre> *!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!* * ABNORMAL END PROGRAM CALLED * *!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!* *DATE: 08-04-2020 * *TIME: 00:50:35 * ***** *CALLER PROGRAM.....:CSRG0001 * *ERROR CODE: * * KEY...:021522003518 * *ERROR MESSAGE: * * FILE0002 IS OUT OF ORDER * ***** </pre>					

2) LRECL Error:

The correct length is 222 characters.



```
//RENAME JOB 'TST,4220,BN','RENAME',MSGCLASS=Z,CLASS=F
//*****
// * EXECUTION JOB FOR CSRG0001 PROGRAM
//*****
//STEP01 EXEC PGM=IEFBR14
//FILE0003 DD DSN=FILE0003,
// DISP=(MOD,DELETE,DELETE)
//FILEERR1 DD DSN=FILEERR1,
// DISP=(MOD,DELETE,DELETE)
// *
//STEP02 EXEC PGM=CSRG0001
//FILE0001 DD DSN=FILE0001,DISP=SHR
//FILE0002 DD DSN=FILE0002,DISP=SHR
//FILE0003 DD DSN=FILE0003,
// DISP=(NEW,CATLG,DELETE),UNIT=SYSPRO,
// SPACE=(400,(100,0100),RLSE),AVGREC=K,
// LRECL=212,BLKSIZE=00000,RECFM=FB
//FILEERR1 DD DSN=FILEERR1,
// DISP=(NEW,CATLG,DELETE),UNIT=SYSPRO,
// SPACE=(400,(100,0100),RLSE),AVGREC=K,
// LRECL=015,BLKSIZE=00000,RECFM=FB
// *
//SYSOUT DD SYSOUT=*
//SYSUDUMP DD SYSOUT=Y
// *
```



```
*****
* ABNORMAL END PROGRAM CALLED *
*****
*DATE: 08-04-2020 *
*TIME: 00:57:41 *
*****
*CALLER PROGRAM.....:CSRG0001 *
*ERROR CODE: *
* 39 *
*ERROR MESSAGE: *
* OPEN FILE FILE0003 *
*****
```

COBOL File Status Table

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OPEN

The OPEN statement was unsuccessful because a conflict has been detected between the fixed file attributes and the attributes specified for the file in the program. (Attributes that are checked are organization, index keys (prime and alternate), block size, and maximum record size.)

This is usually caused by a conflict with record-length, key-length, key-position or file organization.

Other possible causes are:

1. Alternate indexes are incorrectly defined (Key length or position, duplicates or sparse parameters).

2. The Recording Mode is Variable or Fixed or not defined the same as when the file was created.

3. For files with variable-length records the minimum and maximum record lengths for the actual file may not match the minimum and maximum record lengths used by the program