INFO 7290 (DWBI) HW03(a) – Bulk Copy Out

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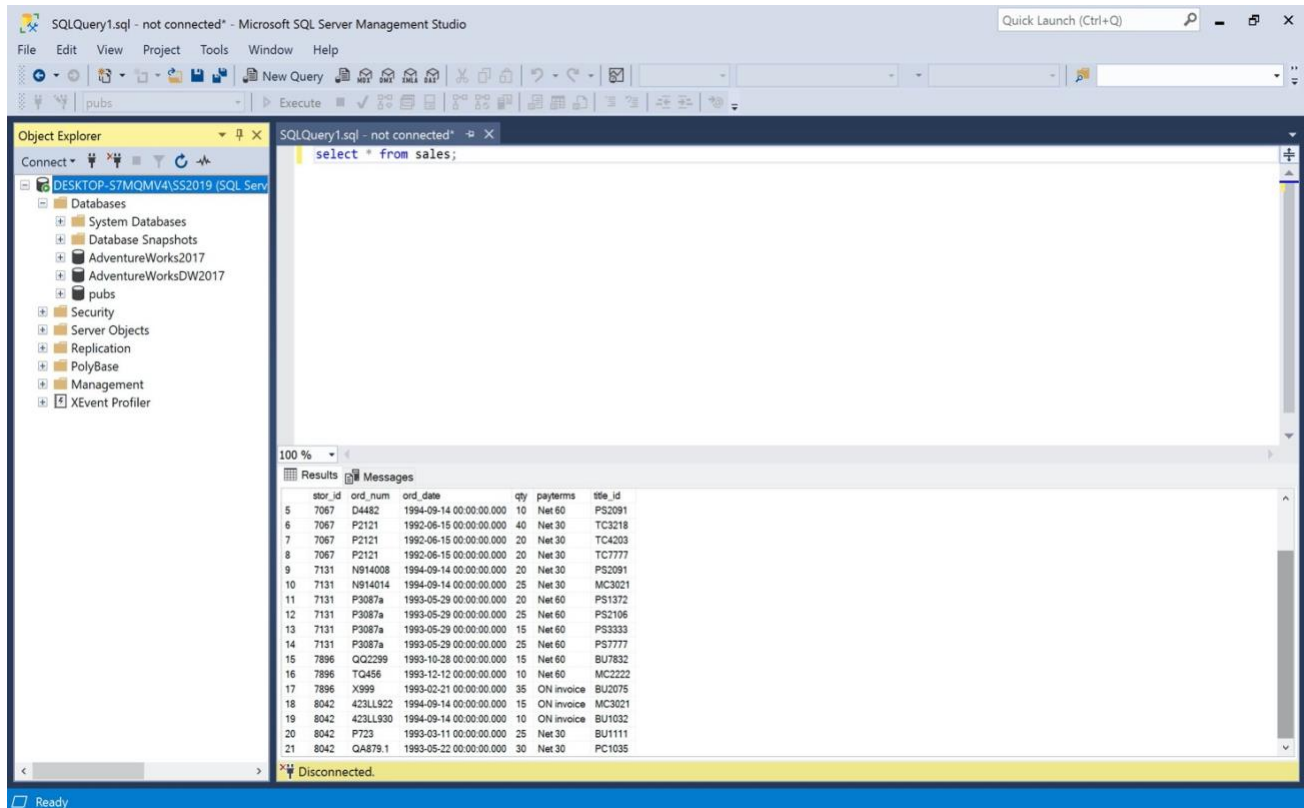Input Commands:

- bcp sales out c:\tmp\salesout.csv -S DESKTOP -S7MQMV4\SS2019 -d pubs -T

  Generated with the prefix of 0, field type: char, terminated by (,) and \n for end of the record

- bcp sales out c:\tmp\salesout.csv -S DESKTOP -S7MQMV4\SS2019 -d pubs -T -f salesout.fmt
- bcp sales out c:\tmp\salesout.txt -S DESKTOP -S7MQMV4\SS2019 -d pubs -T -f salesout.fmt

Screenshot to demonstrate pubs table is present in SQL server:

Screenshots of working bcp commands in command prompt:


```
C:\tmp>bcp sales out c:\tmp\salesout.csv -S DESKTOP-S7MQMV4\SS2019 -d pubs -T

Enter the file storage type of field stor_id [char]:
Enter prefix-length of field stor_id [2]: 0
Enter length of field stor_id [4]:
Enter field terminator [none]: ,

Enter the file storage type of field ord_num [char]:
Enter prefix-length of field ord_num [2]: 0
Enter length of field ord_num [20]:
Enter field terminator [none]: ,

Enter the file storage type of field ord_date [datetime]:
Enter prefix-length of field ord_date [0]: 0
Enter field terminator [none]: ,

Enter the file storage type of field qty [smallint]:
Enter prefix-length of field qty [0]: 0
Enter field terminator [none]: ,

Enter the file storage type of field payterms [char]:
Enter prefix-length of field payterms [2]: 0
Enter length of field payterms [12]:
Enter field terminator [none]: ,

Enter the file storage type of field title_id [char]:
Enter prefix-length of field title_id [2]: 0
Enter length of field title_id [6]:
Enter field terminator [none]: \n

Do you want to save this format information in a file? [Y/n] Y
Host filename [bcp.fmt]:

Starting copy...

21 rows copied.
Network packet size (bytes): 4096
Clock Time (ms.) Total     : 891    Average : (23.57 rows per sec.)

C:\tmp>
```

Cont.

```
C:\tmp>bcp sales out c:\tmp\salesout.csv -S DESKTOP-S7MQMV4\SS2019 -d pubs -T -f bcp.fmt

Starting copy...

21 rows copied.
Network packet size (bytes): 4096
Clock Time (ms.) Total     : 1      Average : (21000.00 rows per sec.)

C:\tmp>
```
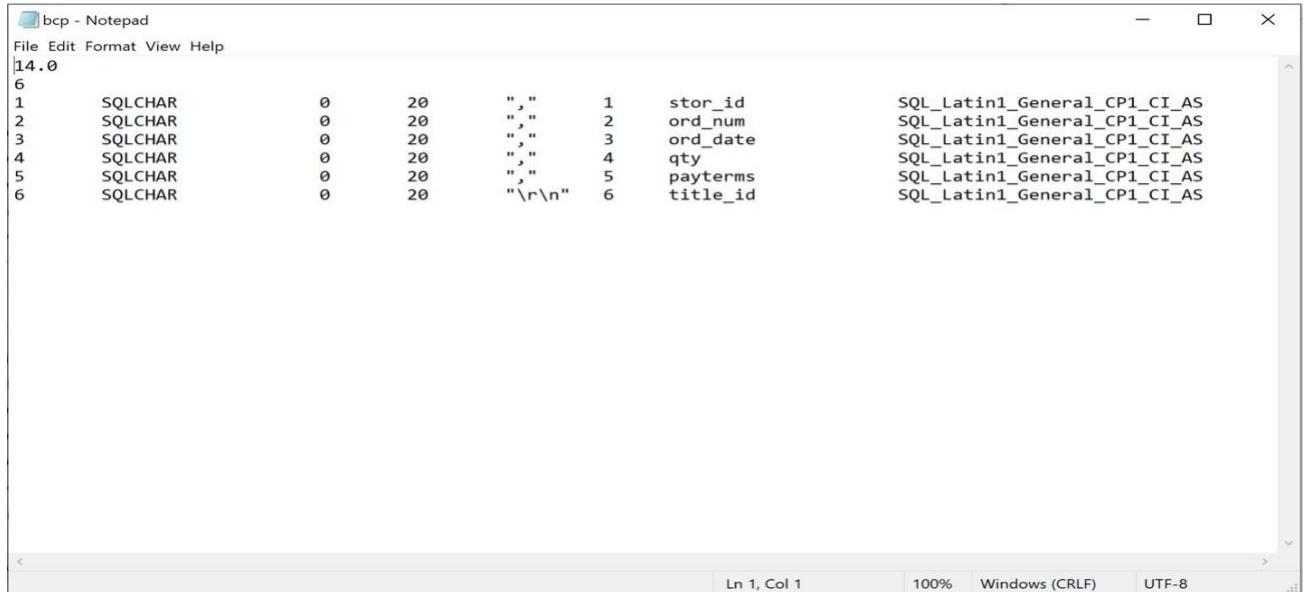
```
C:\tmp>bcp sales out c:\tmp\salesout.txt -S DESKTOP-S7MQMV4\SS2019 -d pubs -T -f bcp.fmt

Starting copy...

21 rows copied.
Network packet size (bytes): 4096
Clock Time (ms.) Total     : 31     Average : (677.42 rows per sec.)

C:\tmp>
```
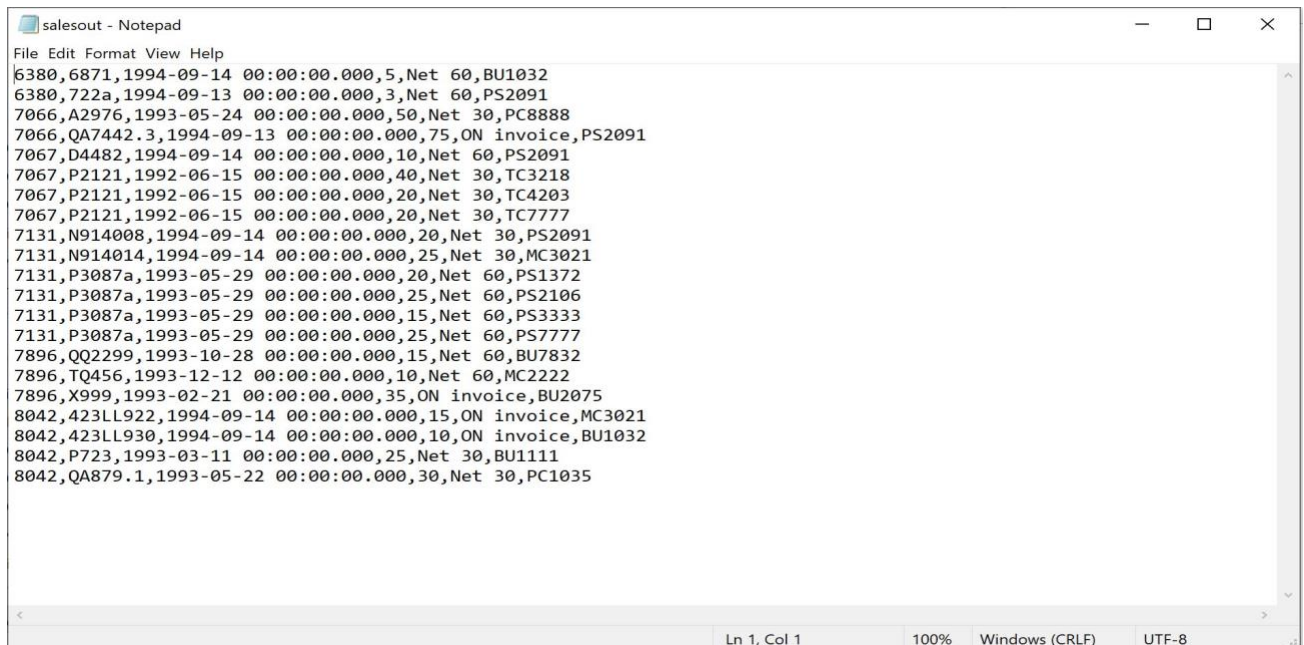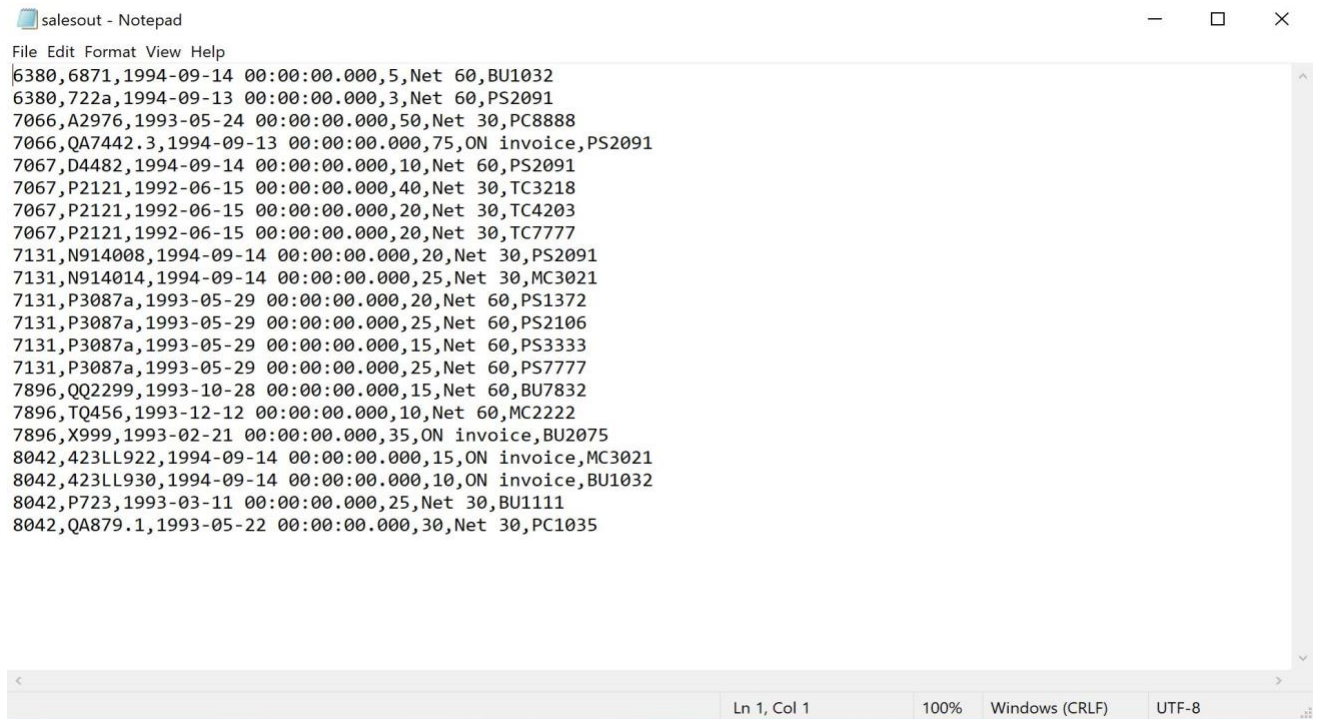
Screenshot of format file (salesout.fmt):


```
bcp - Notepad                                                          —  □  ×
File  Edit  Format  View  Help
14.0
6
1        SQLCHAR        0        20        ","      1      stor_id         SQL_Latin1_General_CP1_CI_AS
2        SQLCHAR        0        20        ","      2      ord_num         SQL_Latin1_General_CP1_CI_AS
3        SQLCHAR        0        20        ","      3      ord_date        SQL_Latin1_General_CP1_CI_AS
4        SQLCHAR        0        20        ","      4      qty             SQL_Latin1_General_CP1_CI_AS
5        SQLCHAR        0        20        ","      5      payterms        SQL_Latin1_General_CP1_CI_AS
6        SQLCHAR        0        20        "\r\n"   6      title_id        SQL_Latin1_General_CP1_CI_AS
```
```
                                      Ln 1, Col 1        100%   Windows (CRLF)    UTF-8
```

Screenshot of sales output csv file (salesout.csv):


```
salesout - Notepad                                                     —  □  ×
File  Edit  Format  View  Help
6380,6871,1994-09-14 00:00:00.000,5,Net 60,BU1032
6380,722a,1994-09-13 00:00:00.000,3,Net 60,PS2091
7066,A2976,1993-05-24 00:00:00.000,50,Net 30,PC8888
7066,QA7442.3,1994-09-13 00:00:00.000,75,ON invoice,PS2091
7067,D4482,1994-09-14 00:00:00.000,10,Net 60,PS2091
7067,P2121,1992-06-15 00:00:00.000,40,Net 30,TC3218
7067,P2121,1992-06-15 00:00:00.000,20,Net 30,TC4203
7067,P2121,1992-06-15 00:00:00.000,20,Net 30,TC7777
7131,N914008,1994-09-14 00:00:00.000,20,Net 30,PS2091
7131,N914014,1994-09-14 00:00:00.000,25,Net 30,MC3021
7131,P3087a,1993-05-29 00:00:00.000,20,Net 60,PS1372
7131,P3087a,1993-05-29 00:00:00.000,25,Net 60,PS2106
7131,P3087a,1993-05-29 00:00:00.000,15,Net 60,PS3333
7131,P3087a,1993-05-29 00:00:00.000,25,Net 60,PS7777
7896,QQ2299,1993-10-28 00:00:00.000,15,Net 60,BU7832
7896,TQ456,1993-12-12 00:00:00.000,10,Net 60,MC2222
7896,X999,1993-02-21 00:00:00.000,35,ON invoice,BU2075
8042,423LL922,1994-09-14 00:00:00.000,15,ON invoice,MC3021
8042,423LL930,1994-09-14 00:00:00.000,10,ON invoice,BU1032
8042,P723,1993-03-11 00:00:00.000,25,Net 30,BU1111
8042,QA879.1,1993-05-22 00:00:00.000,30,Net 30,PC1035
```
```
                                      Ln 1, Col 1        100%   Windows (CRLF)    UTF-8
```

Screenshot of sales output txt file(salesout.txt):


```
6380,6871,1994-09-14 00:00:00.000,5,Net 60,BU1032
6380,722a,1994-09-13 00:00:00.000,3,Net 60,PS2091
7066,A2976,1993-05-24 00:00:00.000,50,Net 30,PC8888
7066,QA7442.3,1994-09-13 00:00:00.000,75,ON invoice,PS2091
7067,D4482,1994-09-14 00:00:00.000,10,Net 60,PS2091
7067,P2121,1992-06-15 00:00:00.000,40,Net 30,TC3218
7067,P2121,1992-06-15 00:00:00.000,20,Net 30,TC4203
7067,P2121,1992-06-15 00:00:00.000,20,Net 30,TC7777
7131,N914008,1994-09-14 00:00:00.000,20,Net 30,PS2091
7131,N914014,1994-09-14 00:00:00.000,25,Net 30,MC3021
7131,P3087a,1993-05-29 00:00:00.000,20,Net 60,PS1372
7131,P3087a,1993-05-29 00:00:00.000,25,Net 60,PS2106
7131,P3087a,1993-05-29 00:00:00.000,15,Net 60,PS3333
7131,P3087a,1993-05-29 00:00:00.000,25,Net 60,PS7777
7896,QQ2299,1993-10-28 00:00:00.000,15,Net 60,BU7832
7896,TQ456,1993-12-12 00:00:00.000,10,Net 60,MC2222
7896,X999,1993-02-21 00:00:00.000,35,ON invoice,BU2075
8042,423LL922,1994-09-14 00:00:00.000,15,ON invoice,MC3021
8042,423LL930,1994-09-14 00:00:00.000,10,ON invoice,BU1032
8042,P723,1993-03-11 00:00:00.000,25,Net 30,BU1111
8042,QA879.1,1993-05-22 00:00:00.000,30,Net 30,PC1035
```

Ln 1, Col 1   100%   Windows (CRLF)   UTF-8

Screenshot of all files copied in directory: