

```

/*
** Author: Your Name
** Course: IFT/300
** SQL Server Version: Microsoft SQL Server 2021 (SP1)

** OS : Windows
** History
** Date Created   Comments
** 10/06/2025    Data Types
*/

```

1. Write a SELECT statement that returns four columns based on the InvoiceTotal column of the Invoices table.

- Use the CAST function to return the first column as the decimal type with 2 digits to the right of the decimal point.

- Use CAST to return the second column as the varchar type.

- Use the CONVERT function to return the third column as the same data type as the first Column

–query1 USE AP;

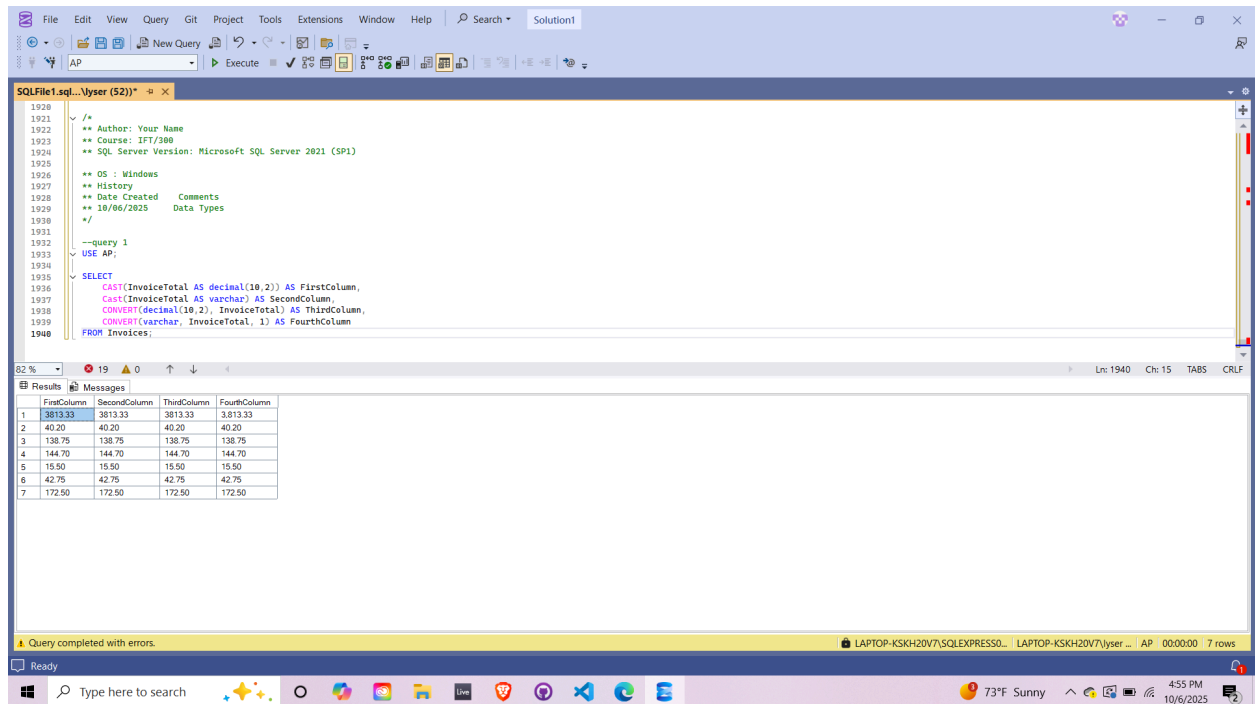
```

SELECT
    CAST(InvoiceTotal AS decimal(10,2)) AS FirstColumn,
    Cast(InvoiceTotal AS varchar) AS SecondColumn,
    CONVERT(decimal(10,2), InvoiceTotal) AS ThirdColumn,
    CONVERT(varchar, InvoiceTotal, 1) AS FourthColumn
FROM Invoices;

```

.

- Use CONVERT to return the fourth column as a varchar, using style 1.



–Query 2 2. Write a SELECT statement that returns three columns based on the InvoiceDate column of the Invoices table.

- Use the CAST function to return the first column as the varchar type.
- Use the TRY_CONVERT function to return the second and third columns as the varchar type, using style 1 and style 10 respectively.

```

--query 2
USE AP;
SELECT
CAST(InvoiceDate AS varchar) AS FirstColumn,
TRY_CONVERT(varchar, InvoiceDate, 1) AS SecondColumn,
TRY_CONVERT(varchar, InvoiceDate, 10) AS ThirdColumn
FROM Invoices;

```

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AP Execute

SQLFile1.sql...lyser (521)*

```
1929 */
1930
1931 --query 1
1932 USE AP;
1933
1934 SELECT
1935     CAST(InvoiceTotal AS decimal(18,2)) AS FirstColumn,
1936     CAST(InvoiceTotal AS varchar) AS SecondColumn,
1937     CONVERT(decimal(18,2), InvoiceTotal) AS ThirdColumn,
1938     CONVERT(varchar, InvoiceTotal, 1) AS FourthColumn
1939 FROM Invoices;
1940
1941
1942 --query 2
1943 USE AP;
1944 SELECT
1945     CAST(InvoiceDate AS varchar) AS FirstColumn,
1946     TRY_CONVERT(varchar, InvoiceDate, 1) AS SecondColumn,
1947     TRY_CONVERT(varchar, InvoiceDate, 10) AS ThirdColumn
1948 FROM Invoices;
1949
```

62 % 19 0

Ln: 1920 Ch: 1 TAB5 CRLF

Results Messages

	FirstColumn	SecondColumn	ThirdColumn	FourthColumn
1	3813.33	3813.33	3813.33	3,813.33
2	40.20	40.20	40.20	40.20

	FirstColumn	SecondColumn	ThirdColumn
1	2022-10-08	10/08/22	10-08-22
2	2022-10-10	10/10/22	10-10-22
3	2022-10-13	10/13/22	10-13-22
4	2022-10-16	10/16/22	10-16-22
5	2022-10-16	10/16/22	10-16-22
6	2022-10-16	10/16/22	10-16-22
7	2022-10-21	10/21/22	10-21-22

Query completed with errors.

LAPTOP-KSKH20V7\SQLEXPRESS0... LAPTOP-KSKH20V7\lyser... AP 00:00:00 14 rows

Ready

Type here to search

68°F Sunny 6:21 PM 10/6/2025