

I was going through some old views, make miscellaneous changes, etc... I came across one that had a CASE and an IIF that I was playing around with long, long time ago. I accidentally made typo, no errors displayed and the CREATE failed. I then realized that everything beneath the IIF wasn't getting 'checked'. I'll probably go back and review/change my IIF's to CASE's, even though I thought these were both valid.

NOTE: SSMS was updated to 20.1.10 from 20.0.70 to see if that was the error

NOTE: This is a snippet, I have removed a lot of extra cols that weren't needed for this test.

vwSSMS_Err:

- This Error has a invalid column name **AsgnItemCost_WhlsAmt_ThisIsABadColNm**
- However, there are no indications of the error below the IIF statement

```
CREATE VIEW vwSSMS_Err AS
(
    SELECT ITEM.Item_Desc
        , BILLTO.BillTo_DsplyNm
        , ShipTo_Key
        , CASE
            WHEN ASGNITEMCOST.ShipTo_Key = '' THEN 'NO'
            ELSE 'YES'
        END AS IsStore
        , ASGNITEMCOST.Item_Key
        , IIF(ASGNITEMCOST.AsgnItemCost_Amt=0, 'NO', 'YES') AS ItemHasCost
        , ASGNITEMCOST.AsgnItemCost_Amt
        , ASGNITEMCOST.AsgnItemCost_FrtAmt
        , AsgnItemCost_WhlsAmt_ThisIsABadColNm
        , ASGNITEMCOST.AsgnItemCost_ReSellAmt
        , GP_ITEMNMBR

    FROM ASGNITEMCOST (NOLOCK)
    JOIN ITEM (NOLOCK)
        ON ITEM.Item_Key = ASGNITEMCOST.Item_Key
    JOIN BILLTO (NOLOCK)
        ON BILLTO.BillTo_Key = ASGNITEMCOST.BillTo_Key
)
GO
```

vwSSMS_Err1:

- This has a invalid column name **AsgnItemCost_WhlsAmt_ThisIsABadColNm**
- Changed the FROM table to make it invalid
- However, there are no indications of the error below the IIF statement

```
CREATE VIEW vwSSMS_Err1 AS
(
    SELECT ITEM.Item_Desc
        , BILLTO.BillTo_DsplyNm
        , ShipTo_Key
        , CASE
            WHEN ASGNITEMCOST.ShipTo_Key = '' THEN 'NO'
            ELSE 'YES'
        END AS IsStore
        , ASGNITEMCOST.Item_Key
        , IIF(ASGNITEMCOST.AsgnItemCost_Amt=0, 'NO', 'YES') AS ItemHasCost
        , ASGNITEMCOST.AsgnItemCost_Amt
        , ASGNITEMCOST.AsgnItemCost_FrtAmt
        , AsgnItemCost_WhlsAmt_ThisIsABadColNm
        , ASGNITEMCOST.AsgnItemCost_ReSellAmt
        , GP_ITEMNMBR

    FROM ASGNITEMCOSTx (NOLOCK)
    JOIN ITEM (NOLOCK)
        ON ITEM.Item_Key = ASGNITEMCOST.Item_Key
    JOIN BILLTO (NOLOCK)
        ON BILLTO.BillTo_Key = ASGNITEMCOST.BillTo_Key
)
GO
```

vwSSMS_Err2:

- This has a invalid column name **AsgnItemCost_WhlsAmt_ThisIsABadColNm**
- Changed a JOIN table to make it invalid
- However, there are no indications of the error below the IIF statement

```
CREATE VIEW vwSSMS_Err2 AS
(
    SELECT ITEM.Item_Desc
        , BILLTO.BillTo_DsplyNm
        , ShipTo_Key
        , CASE
            WHEN ASGNITEMCOST.ShipTo_Key = '' THEN 'NO'
            ELSE 'YES'
        END AS IsStore
        , ASGNITEMCOST.Item_Key
        , IIF(ASGNITEMCOST.AsgnItemCost_Amt=0,'NO','YES') AS ItemHasCost
        , ASGNITEMCOST.AsgnItemCost_Amt
        , ASGNITEMCOST.AsgnItemCost_FrtAmt
        , AsgnItemCost_WhlsAmt_ThisIsABadColNm
        , ASGNITEMCOST.AsgnItemCost_ReSellAmt
        , GP_ITEMNMBR

    FROM ASGNITEMCOST (NOLOCK)
    JOIN ITEMx (NOLOCK)
        ON ITEM.Item_Key = ASGNITEMCOST.Item_Key
    JOIN BILLTO (NOLOCK)
        ON BILLTO.BillTo_Key = ASGNITEMCOST.BillTo_Key
)
GO
```

vwSSMS_Err3:

- Commented out the IIF
- This has a invalid column name **AsgnItemCost_WhlsAmt_ThisIsABadColNm**
- Changed the FROM table to make it invalid
- Changed a JOIN table to make it invalid
- All errors now show up

```
CREATE VIEW vwSSMS_Err3 AS
(
    SELECT ITEM.Item_Desc
        , BILLTO.BillTo_DsplyNm
        , ShipTo_Key
        , CASE
            WHEN ASGNITEMCOST.ShipTo_Key = '' THEN 'NO'
            ELSE 'YES'
        END AS IsStore
        , ASGNITEMCOST.Item_Key
        --, IIF(ASGNITEMCOST.AsgnItemCost_Amt=0,'NO','YES') AS ItemHasCost
        , ASGNITEMCOST.AsgnItemCost_Amt
        , ASGNITEMCOST.AsgnItemCost_FrtAmt
        , AsgnItemCost_WhlsAmt_ThisIsABadColNm
        , ASGNITEMCOST.AsgnItemCost_ReSellAmt
        , GP_ITEMNMBR

    FROM ASGNITEMCOSTx (NOLOCK)
    JOIN ITEMx (NOLOCK)
        ON ITEM.Item_Key = ASGNITEMCOST.Item_Key
    JOIN BILLTO (NOLOCK)
        ON BILLTO.BillTo_Key = ASGNITEMCOST.BillTo_Key
)
GO
```

vwSSMS_Final:

- Changed invalid column name to correct name **AsgnItemCost_WhlsAmt**
- Changed the FROM table back to correct table
- Changed a JOIN table back to correct table
- Uncommented out the IIF
- Correctly builds

```
CREATE VIEW vwSSMS_Final AS
(
    SELECT ITEM.Item_Desc
        , BILLTO.BillTo_DsplyNm
        , ShipTo_Key
        , CASE
            WHEN ASGNITEMCOST.ShipTo_Key = '' THEN 'NO'
            ELSE 'YES'
        END AS IsStore
        , ASGNITEMCOST.Item_Key
        , IIF(ASGNITEMCOST.AsgnItemCost_Amt=0, 'NO', 'YES') AS ItemHasCost
        , ASGNITEMCOST.AsgnItemCost_Amt
        , ASGNITEMCOST.AsgnItemCost_FrtAmt
        , AsgnItemCost_WhlsAmt
        , ASGNITEMCOST.AsgnItemCost_ReSellAmt
        , ITEM.GP_ITEMNMBR

    FROM ASGNITEMCOST (NOLOCK)
    JOIN ITEM (NOLOCK)
        ON ITEM.Item_Key = ASGNITEMCOST.Item_Key
    JOIN BILLTO (NOLOCK)
        ON BILLTO.BillTo_Key = ASGNITEMCOST.BillTo_Key
)
GO
```

SQL Server Management Studio	20.1.10.0
SQL Server Management Objects (SMO)	
17.100.31.0+ccc8de5aee492d8b603963ce96e9f9877a21afa4	
Microsoft T-SQL Parser	
17.2.1.1+f4dfdb798c9aaa90bbe9a0cbfd92e100200ad26c.f4dfdb798c9aaa90bbe9a0cbfd92e100200ad26	
c	
Microsoft Analysis Services Client Tools	20.0.3.0
Microsoft Data SqlClient (MDS)	5.1.5
Microsoft SQL Server Data-Tier Application Framework (DacFX)	
162.2.111.2+1a4d708fee9d82fe4e01e02f3962d1e83d374807.1a4d708fee9d82fe4e01e02f3962d1e83d374	
807	
Microsoft .NET Framework	4.0.30319.42000
Operating System	10.0.19045