

microsoft.public.sqlserver.mseq: => Trigger to copy duplicate rows into a new table where val >26

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Source:

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.mseq/2004-04/0020.html>

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Hello,

I am attempting to create the following trigger:

```
=====
CREATE TRIGGER trgLoadExceedTrlCapacity ON [tblOrders]
FOR INSERT, UPDATE, DELETE
AS
    /* The purpose of this trigger is to ensure that no entries have in excess of 26 pallet loads */
    /* The Supermarket may order more than 26 loads of produce but the Trailer can only manage 26
loads */
    /* so extra lines are inserted into the new table tblSplitOrders with a maximum of 26 loads */
    /* and an extra line for the remaining pallets */

    DECLARE @NumOfLoads int,
            @LoadsRemainder int,
            @CountSplit int,
            @Cnt int

    /* Number of Loads from tblOrders saved to variable */
    @NumOfLoads = NumOfLoads
    @LoadsRemainder = 0
    @CountSplit = 0
    @Cnt = 0

    /* Determine if there are more than 26 loads */
    @LoadsRemainder = @NumOfLoads / 26

    if (@LoadsRemainder >= 1) then

        while (@LoadsRemainder >= 1)
            @NumOfLoads = @NumOfLoads - 26
            @CountSplit = @CountSplit + 1
            @LoadsRemainder = @NumOfLoads / 26
        end

```

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```
for @Cnt = 0 to (@CountSplit - 1)
    INSERT INTO tblSplitOrders (DeliveryID, CollectionID, TempID, OrderDate, NumOfLoads)
    SELECT (DeliveryID, CollectionID, TempID, OrderDate, 26) FROM tblOrders
    end

    INSERT INTO tblSplitOrders (DeliveryID, CollectionID, TempID, OrderDate, NumOfLoads)
    SELECT (DeliveryID, CollectionID, TempID, OrderDate, @NumOfLoads) FROM tblOrders

else

    INSERT INTO tblSplitOrders (DeliveryID, CollectionID, TempID, OrderDate, NumOfLoads)
    SELECT (DeliveryID, CollectionID, TempID, OrderDate, @NumOfLoads) FROM tblOrders

end if

END
```

=====

The error message I receive:

```
Error 170: Line 14: Incorrect syntax near '@NumOfLoads'
Incorrect syntax near the keyword 'then'
Line 25: Incorrect syntax near '@NumOfLoads'
Line 32: Incorrect syntax near ','
Line 36: Incorrect syntax near ','
Line 41: Incorrect syntax near ','
```

I'm not sure if my trigger is the most effective means to achieve my objective and if this trigger will successfully copy over a single line with up to and including 26 pallets and will copy lines with a maximum of 26 pallets multiple times until the smallest remainder is copied in as the last entry with the same DeliveryID, CollectionID, TempID, OrderDate for each entry.

There is a unique incrementing ID in the tblSplitOrders table.

Do you have any suggestions that might assist me.

Thank you kindly
Rhonda