

# Limit

## Description

The Limit keyword restricts the output of data from a multi-valued column to those values that meet specified criteria.

## Syntax

**Limit** [CaseSens | CaseInsens] COLUMN *comparison* [*value* | *compare*]

- OR -

**Limit** COLUMN range

## Remarks

Limiting ("print limiting") is useful when you want to display only a portion of a multi-valued column. If the column is displayed normally, the entire contents of the multi-valued column will be displayed for each row. By specifying Limit criteria, however, you can instruct the report to output only those values in the multi-valued column that meet criteria you establish. Limit works like a With clause, but applies only to the display of values for one column. With selects rows out of the entire table for processing; Limit selects values out of one column for display.

Parameter	Description
CaseSens	Use the CaseSens keyword to force a case-sensitive search of data
CaseInsens	Use the CaseInsens keyword to force a case-insensitive search of data.
<i>comparison</i>	The comparison operation that is to take place. The same comparison operators (Eq, =, GT, >, etc.) are available as in With clauses. The default is Eq. For details on possible values for the compare word, refer to With.
<i>value</i>	Represents the value against which each value in the multi-valued column is to be compared. The value should be enclosed in quotes if it is non-numeric. An example of a value comparison is: List CUSTOMERS Limit INV_DATE > "1-1-95"
<i>compare</i>	You can also compare column with another column in the table. Each value of the multi-valued column will be compared against the value in the compare.column. For example: List CUSTOMERS Limit PAID_DATE > DUE_DATE
<i>range</i>	The range specifies a set of acceptable values that can be met for the data to be displayed. The range takes the form: From <i>value</i> To <i>value</i>  - OR -  Between <i>value</i> And <i>value</i>

## Examples

Some examples:

```
List CUSTOMERS Limit INVOICE_DATE From "1-1-95" TO "12-31-95"  
List CUSTOMERS Limit INVOICE_AMOUNT Between 1000 And 5000
```

Each value in the multi-valued column will be compared to the range. If the value in the column falls within the range specified by the *range* (inclusive), it will be displayed.

This command lists the company name of all customers. In addition, all invoice amounts of \$1,000 or greater in the multi-valued column INVOICE\_AMOUNT are displayed. Invoice amounts of less than \$1,000 are not displayed, even though they may exist.

```
List CUSTOMERS COMPANY Limit INVOICE_AMOUNT >= "1000"
```

This command lists the company name of all customers, and lists all values from the multi-valued column INVOICE\_PAID\_DT in which the date is greater than the contents of the column INVOICE\_DUE\_DT.

```
List CUSTOMERS COMPANY Limit INVOICE_PAID_DT GT INVOICE_DUE_DT
```

This command lists the company name of all customers, and displays all of the values from the multi-valued column INVOICE\_DATE in which the value falls into the range of 1-1-95 to 12-31-95 (inclusive).

```
List CUSTOMERS COMPANY Limit INVOICE.DATE From "1-1-95" To "12-31-95"
```

\* Run\_Report examples

\* Display all Orders and display only Item 3542-1-310-1 from the multivalue list.

```
stmt = 'LIST ORDERS CUSTOMER_NAME ITEM DESCRIPTION '  
stmt:= ' LIMIT ITEM "3542-1-310-1" '  
Run_Report("",stmt)
```

\* Display only Orders containing Item 3542-1-310-1 and display only Item 3542-1-310-1 from the multivalue list.

```
stmt = 'LIST ORDERS CUSTOMER_NAME ITEM DESCRIPTION '  
stmt:= ' LIMIT ITEM "3542-1-310-1" WITH ITEM [ ] "3542-1-310-1" '  
Run_Report("",stmt)
```