

**DISTINCT****PURPOSE**

Extract the distinct elements of a variable and store them in another variable.

**SYNTAX**

LET <resp> = DISTINCT <x1> <SUBSET/EXCEPT/FOR qualification>

where <x1> is a response variable;

<resp> is a variable (generally of shorter length than <x1>) where the distinct values are stored;  
and where the <SUBSET/EXCEPT/FOR qualification> is optional.

**EXAMPLES**

LET XD = DISTINCT TAG

**DEFAULT**

None

**SYNONYMS**

SET DISTINCT and SET ELEMENTS

**RELATED COMMANDS**

FREQUENCY	=	Compute the number of occurrences of each distinct value of a variable.
COCODE	=	Generate a coded variable.
CODE	=	Generate a coded variable.

**APPLICATIONS**

Data transformation

**IMPLEMENTATION DATE**

Pre-1987

**PROGRAM**

```
LET X1 = PATTERN 1 2 3 4 5 FOR I = 1 1 100  
LET XD = DISTINCT X1
```

The variable XD will contain the values 1, 2, 3, 4, 5.