

SET

These are illegal:

```
MAT(VARSUB) XL(I20,2) A(K,L+1) GNP(I-1)
```

The first and second are illegal because subscript names are limited to 4 or 2 characters. The third and fourth are illegal because expressions are not allowed as subscripts.

SET is not recommended for creating a series or matrix. READ, GENR, TREND, DUMMY, etc. should be used to create series. READ, MFORM, MMAKE, or COPY should be used to create matrices. SET can be used to update series and matrices, or to retrieve particular elements from them.

Examples:

```
SET VALUE = X(1,1) ;
SET SE = @S ;
MATRIX(2,3) = A+B**2 / (LOG(LABW)) ;

FREQ A;
SMPL 1983 1990 ;
GENR PFOR = 100 ;
DO I = 1984 TO 1990 ;
    SET I1 = I-1 ;
    SET PFOR(I) = PFOR(I1)*EXP(1.0+DELTA) ;
ENDD ;
```

This last example shows how SET can be used to compute a series in which each observation is a dynamic function of a previous observation. This can be done more efficiently, however, with a dynamic GENR:

```
FREQ A;
SMPL 83,90;
PFOR = 100;
SMPL 84,90;
PFOR = PFOR(-1)*EXP(1+DELTA);
```

Output:

SET produces no printed output. A scalar is stored in data storage, or a series or matrix is updated.