

SWAP

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Format

```
CALL SWAP var1, var2
```

Description

The SWAP statement is used to exchange the values of two variables, provided they are of the same type and precision. If they are not of the type an error will occur.

The SWAP statement cannot be used to "SWAP" the contents of two arrays, except as individual elements.

There is a required space between SWAP and var1.

Examples

```
100 FOR I=1 TO 100
110 CALL SWAP A$(I),B$(I)
120 NEXT I
```

The SWAP statement can also be used to alphabetize two strings.

```
100 INPUT "STRING #1 >":A$
110 INPUT "STRING #2 >":B$
120 IF A$>B$ THEN CALL SWAP A$,B$
130 PRINT A$,B$
```

SWAP can also be used with a DEFvartype.

```
100 DEFSTR B
110 A$="TEST"
120 B$="TEST1"
130 SWAP A$,B
140 PRINT A$,B
```