ATAN
Type: real function

Format: ATAN(realexpression)

Description: Calculates the arctan of the realexpression. The answer is in radians unless you have given the DEG command.

CASE, CASE ELSE, CASE END, &
Type: BASIC command

```
Format:  CASE condition
              (statements)
         & condition
              (statements)
         & condition
              (statements)
            .
            .
            .
         CASE ELSE
              (statements)
       CASE END
```

Description: CASE ELSE is optional. You can use as many & conditions as you like. If the condition following CASE is true, the statements between that condition and the & condition are executed and the program skips down to the statement following CASE END. If the condition following one of the &'s is true, the statements between that conditon and the next case-type (&, CASE ELSE, or CASE END) command are executed, and the program skips to the statement following CASE END. If none of the conditions are true, the program executes the statements following CASE ELSE if it is present; otherwise the program skips to the statement following CASE END. See Chapter 4.

CHR$
Type: string function

Format: CHR$(integerexpression)

Description: Generates a one character string. The integerexpression equals the ASCII code of the character generated.

Example:

```
10 B$=CHR$(65%)+CHR$(49%)
20 PRINT B$
RUN
A1
```