

Standard Procedure	Discussion	Examples
writeboolean	Writes a Boolean value to the display.	<pre>var b:boolean; b:=true; writeboolean(b,7);</pre> t r u e
writechar	Writes a character value to the display	<pre>var c:char; c:='a'; writechar(c,7);</pre> a
writeinteger	Writes an integer value to the display.	<pre>var i:integer; i:=10; writeinteger(i,7);</pre> 1 0
writeexponential	Writes a real value to the display in exponential format.	<pre>var r:real; r:=1.602-19; writeexponential(r,20,3);</pre> 1 . 6 0 2 E - 1 9
writefixed	Writes a real value to the display in fixed format	<pre>var r:real; r:=25.42; writefixed(r,7,2);</pre> 2 5 . 4 2
writestring	Writes a characters string to the display.	<pre>var c:array[1..4] of char; c:='help'; writestring(c,7);</pre> h e l p
writeln	Writes a new line character to the display	writeln;
readchar	Discards white space until the first non-blank character and then reads a character from the keyboard and assigns it to the character variable argument.	<pre>var c:char; readchar(c);</pre>
readinteger	Discards white space until the first non-blank character and then reads an integer from the keyboard and assigns it to the integer variable argument.	<pre>var i:integer; readinteger(i);</pre>

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readreal	Discards white space until the first non-blank character and then reads a real value from the keyboard and assigns it to the real variable argument.	var r:real; readreal(r);
readstring	Discards white space until the first non-blank character and then reads a string of characters from the keyboard and assigns them to a conformant array.	var c:array[1..4] of char; readstring(c);
readln	Discards white space until the first non-blank character and then reads a newline character from the keyboard.	readln;

Standard Function	Discussion	Examples
abs	Finds the magnitude of either an integer or a real value. The value returned has the same type as the argument.	var i:integer; i:=-20; i:=abs(i);i=20 var r:real; r:=-3.14159; r:=abs(r); r:=3.14159
sqrt	Finds the square root of a real value.	var r:real; r:=sqrt(64.0); r=8.0
trunc	Truncates a real value and returns the largest integer value contained in the real.	var i:integer; i:=trunc(10.95); i=10
round	Rounds the real value to the nearest integer and returns that value.	var i:integer; i:=round(10.95); i=11
ord	Returns the ASCII code for the character argument.	var i:integer; i:=ord('c'); i=99
char	Returns the character whose ASCII integer code is given as the argument.	var c:char; c:=char(32); c=' '
pred	Returns the predecessor of the integer character, or Boolean value. If the integer, character, or Boolean argument is the smallest value then the smallest value is returned.	var b:boolean; b:=true; b:=pred(b); b=false var c:char;c:='b'; c:=pred(c); c='a' var i:integer; i:=10; i:=pred(i); i=9
succ	Returns the successor of the integer character, or Boolean value. If the integer, character, or Boolean argument is the largest value then the largest value is returned.	var b:boolean; b:=false; b:=succ(b); b=true var c:char;c:='b'; c:=succ(c); c='c' var i:integer; i:=10; i:=succ(i); i=11