

Examples

Base conversion

PRINT dbo.DECTON(29856,20)	3ECG
PRINT dbo.NTODEC('3ECG',20)	29856
PRINT dbo.DECTOHEX(29856)	74A0
PRINT dbo.HEXTODEC('74A0')	29856
PRINT dbo.DECTOBIN(29856)	111010010100000
PRINT dbo.BINTODEC('111010010100000')	29856
PRINT dbo.DECTOOC(29856)	72240
PRINT dbo.OCTTODEC('72240')	29856
PRINT dbo.A2ROMAN(2856)	MMDCCCLVI
PRINT dbo.ROMAN2A('MMDCCCLVI')	2856

Combinatorial

PRINT dbo.COMBIN(6,4)	15
PRINT dbo.ARR(6,4)	360
print dbo.FACT(5)	120
print dbo.FACT(20)	2432902008176640000
print dbo.FACTDOUBLE(5)	120
print dbo.FACTDOUBLE(30)	2.65253e+032
print dbo.SUMSEQ(100)	5050
print dbo.FIBONACCI(10)	403200

Algebra

PRINT dbo.LOGN(123,5)	0.334451
PRINT dbo.LOG2(1024)	10
PRINT dbo.GCD(120,55)	5
PRINT dbo.LCM(1234,5)	6170
PRINT dbo.CUBE(3)	27
PRINT dbo.NROOT(27,3)	3
PRINT dbo.SQRTPI(123)	19.6575
PRINT dbo.DISTANCE(0,0,10,10)	14.1421
PRINT dbo.SLOPE(0,0,10,20)	2

Numeric

PRINT dbo.FRAC(123.4567)	0.4567
PRINT dbo.MIN2(5,7)	5
PRINT dbo.MIN3(5,7,3)	3
PRINT dbo.MAX2(5,7)	7
PRINT dbo.MAX3(5,7,3)	7
PRINT dbo.INC(5)	6
PRINT dbo.DEC(5)	4
PRINT dbo.PHI()	1.61803
PRINT dbo.E()	2.71828
PRINT dbo.PERFNUMBER(5)	496
PRINT dbo.SUMALIQUOT(10)	8

ceiling(123.4) 124 floor(123.4) 123 dbo.NINT(123.4) 123 dbo.TRUNC(123.4) 123
ceiling(-123.4) -123 floor(-123.4) -124 dbo.NINT(-123.4) -123 dbo.TRUNC(-123.4) -123

ceiling(124.5) 125 floor(124.5) 124 dbo.NINT(124.5) 125 dbo.TRUNC(124.5) 124
ceiling(-124.5) -124 floor(-124.5) -125 dbo.NINT(-124.5) -125 dbo.TRUNC(-124.5) -124

String

PRINT dbo.INITCAP('hello world, hello? one, two, three') print dbo.PROPERCASE('hello, how are you? welcome! ok... this is it. bye.')	Hello World, hello? one, two, three Hello, how are you? Welcome! Ok... This is it. Bye.
PRINT dbo.INCLUDED('the', 'one of the themes was pathetic')	3
print dbo.TRANSLATE('2KRW229', '0123456789ABCDEFGHIJKLMNPOQRSTUVWXYZ', '9999999999XXXXXXXXXXXXXXXXXXXXXXXXXXXX')	9XXX999
print dbo.TRANSLATE('2KRW229', '0123456789ABCDEFGHIJKLMNPOQRSTUVWXYZ', '0123456789')	2229
PRINT dbo.RPAD('hello', 4, '*')	hello****
PRINT dbo.LPAD('bye', 3, '@#')	@#@#@#bye
PRINT dbo.VAL('1234.567')	1234.57
PRINT dbo.NUMBERTOWORDS('95867')	ninety five thousand eight hundred sixty seven
PRINT dbo.MORSE('hello world')-.. .-.. --- .-.. --- .-.. ---
PRINT dbo.FROMMORSE('-.. .-.. --- .-.. --- .-.. ---')	HELLOWORLD
PRINT dbo.CHARINDEXREV('t','hello world, hello? one, two, three')	31
PRINT dbo.EBCDIC2ASCII(dbo.ASCII2EBCDIC('Hello'))	Hello
PRINT dbo.TRIM(' hello ')	hello
PRINT dbo.WRAP('hello world, hello? one, two, three',15)	hello world, he llo? one, two, three
PRINT dbo.LEVENSHTIN('GUMBO','GAMBOL')	2
PRINT dbo.STRIPL('abcdef')	abc
PRINT dbo.STRIPR('abcdef')	def
PRINT dbo.XORCHAR('Hello world',117)	=□□□□U□□□□□
PRINT dbo.XORCHAR('=□□□□U□□□□□',117)	Hello world
PRINT dbo.CRYPTX8(dbo.CRYPTX8('hello world, hello? one, two, three','secret'),'secret')	hello world, hello? one, two, three
PRINT dbo.IPOTECT('1.23.123.255',2)	23

Date

PRINT dbo.ADD_MONTHS('Jun 2 2002 12:00AM',4)	Oct 2 2002 12:00AM 4
PRINT dbo.MONTHS_BETWEEN('Jun 2 2002 12:00AM','oct 2 2002 12:00AM')	Jan 31 1900 12:00AM Jun 5 2002 12:00AM
PRINT dbo.LAST_DAY('Jun 2 2002 12:00AM')	6-2-2002
PRINT dbo.NEXT_DAY('Jun 2 2002 12:00AM',4)	10:12:0
PRINT dbo.DDATE('Jun 2 2002 12:00AM')	2
PRINT dbo.DTIME('Jun 2 2002 10:12AM')	Jun 2 2002 12:00AM
PRINT dbo.GREGORIAN2HIJRI('Jun 2 2002 12:00AM')	22/03/1423 12:00:00:000AM
PRINT dbo.HIJRI2GREGORIAN('22/03/1423 12:00:00:000AM')	Jun 2 2002 12:00AM