**String Functions in VB Script**

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|  | **Function Descriptions** | **Function Example** |
| Asc | Returns the ASCII character code for the first character of a string. | Msgbox (ASC ("ABC")). returns: 65 |
| Chr | Returns the corresponding character of passed ASCII code number. | Msgbox ((Chr(65))). returns: A |
| LCase | Converts all the characters to lowercase. | Msgbox(lcase("CASE")). returns: case |
| UCase | Converts all the characters to upper case. | Msgbox(Ucase("Case")). returns: CASE |
| Left | Returns specified number of characters starting from left. | Msgbox(left("language",3)). returns: lan |
| Right | Returns specified number of characters staring from right. | Msgbox(Right("language")). returns: age |
| LTrim | Removes all the leading spaces from the string. | Msgbox(LTrim("far ")). returns: far, with no spaces |
| RTrim | Removes all the trailing spaces rom the string. | Msgbox(RTrim(" far")). returns: far, with no spaces |
| Trim | Returns the string argument, with leading and trailing spaced removed. | Msgbox(Trim(" mid ")). returns: mid, with no spaces. |
| Val | Returns number value of a string. Stops as soon it hits string char. | Msgbox(Val("22 Maple st.")). returns: 22 |
| String | Takes a number and character code argument and returns the character, repeated a number of times: | Msgbox(String(3,80)). returns: BBB |
| **Date Functions** | | |
| Now() | Returns current system date and time. | Msgbox(now()). returns: 8/2/02 10:46:33 AM ->with current date & time |
| Date | Returns the current system date in month, day, year format. | Msgbox(date()). returns: 8/2/02 ->with current date |
| Time | Returns the current system time. | Msgbox(Time()). returns: 10:11:36 AM ->with current time. |
| Day | Returns the day of the month. | Msgbox(Day(date)). returns: 9 ->with current day number. |
| Month | Returns the month of the year. | Msgbox(Month(date)). returns: 9 ->with current month number. |
| MonthName | Returns the name of the specified month. | Msgbox(MonthName(9)). returns: September |
| WeekDay | Returns number representing the day of the week. | Msgbox(WeekDay(date)). returns: 6 -> Assuming today is Friday |
| WeekdayName | Returns the name of the specified week day. | Msgbox(WeekdayName(6)). returns: Friday |
| DateAdd | Adds the specified date or time value to specified date. | Msgbox(DateAdd("d","10","6-7-02")). returns: 6/17/02 -> Adds 10 days to specified date. d=day, m=month, y=year, h=hour, n=minute |
| Hour, Minute, Second | Returns the number representing hour, minute, second of the day, hour, or minute. | Msgbox(Hour()). returns: 11 -> Assuming it's the hour is 11. |
| Timer | Returns the number of seconds since 12:00 AM. | Msgbox(Timer). returns: 40055.84 -> at 11:07 AM |
| TimeSerial | Returns the time for a specific hour, minute, and second converted from military clock. | Msgbox(TimeSerial(17,30,05)). returns: 5:30:05 PM. |
| TimeValue(time) | Returns the current system time. | Msgbox(Time(time))returns: 11:18:00 AM -> with current time. |
| FormatDateTime | Returns a formatted date or time. | Msgbox(FormatDateTime(date)). returns: 8/2/02-> with current date. |
| **Number Functions** | | |
| Abs | Returns the absolute value of a number. | Msgbox(Abs(-5)). returns: 5 |  |
| Int | Returns the integer part of a number. | Msgbox(Int(5.567)). returns: 5 |  |
| Fix | Returns the integer part of a number. | Msgbox(fix(5.567)). returns: 5 |  |
| Sqr | Returns square root of a number. | Msgbox(sqr(25)). returns: 5 |  |
| Sgn | Returns 1, 0, or -1 for possitive, zerro or negative number | Msgbox(Sgn(-22)). returns: -1 |  |
| Sin | Returns sine value of a number. | Msgbox(sin(1)). returns: 0.841470984807897 |  |
| Tan | Returns tangent value of a number. | Msgbox(tan(1)). returns: 1.5574077246549 |  |
| Cos | Returns cosine value of a number. | Msgbox(Cos(1)). returns: 0.54030230586814 |  |
| Rnd | Returns random number. | Msgbox(Rnd). returns: 0.7055475 ->Needs some code to randamize. |  |
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| Hex | Returns the hexadecimal value of a number. | Msgbox(Hex(10)). returns: A |  |
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| Round | Returns rounded number. | Msgbox(Round(10.888)). returns: 11 |  |
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| IsNumeric | Returns boolean value [true or false] indicates whether is number or not. | Msgbox(IsNumeric(10.888)). returns: True |  |
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| FormatNumber | Returns an expression formatted as a number value. | Msgbox(FormatNumber(1000.1111,2)). returns: 1,000.11 |  |
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| FormatPercent | Returns an expression formatted as a percent | Msgbox(FormatPercent(.22)). returns: 22.00% |  |
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| FormatCurrency | Returns an expression formatted as a currency value. | Msgbox(FormatCurrency(10.888)). returns: $10.89 |  |
| **Other Functions** | | |  |
| MsgBox | Returns dialog box with specified expression or arguments. | msgbox"Hello World" returns: Hello World -> On dialog box. |  |