**String Handling**

**Visual Basic Run-Time Library Functions**

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| **Function** | **Description** | **Example** |
| Asc(string) | Returns the character code of (the first letter of) a string | intCode = Asc("A") |
| Chr(integer) | Returns the Char associated with the integer code | myChar = Chr(65) |
| GetChar(string , n) | Returns the Char in position n (starting from 0) in the given string | myStr = GetChar(inputString, 4) |
| InStr(string1, string2) | Returns the start position of the first occurrence of string2 in string 1 | intPos = InStr(check, match) |
| InStrRev(string1, string2) | Returns the start position of the first occurrence of string2 in string 1 working from right to left | intPos = InStrRev(check, match) |
| LCase(string) | Returns the string converted to lower case | myStr = LCase("ShfYIhf") |
| Left(string, n) | Returns a string made up of the first n characters of the input string | myStr = Left("abcdef", 3) |
| Len(string) | Returns the length of the input string | intL = Len("shfdhjfj") |
| LTrim(string) | Returns a string with white space removed from the left hand side | myStr = LTrim(" jjj") |
| Mid(string, start, length) | Returns a string from within the input string with the specified start position and length | myStr = Mid(inputStr, 3, 2) |
| Replace(search, find, replace) | Returns a string based on the input string search, with all instances of the substring find replaced with the specified new substring | myStr = Replace(inputStr, "he", "she") |
| Right(string, n) | Returns a string made up of the first n characters from the right hand side of the input string | myStr = Right("abcdef", 3) |
| RTrim(string) | Returns a string with white space removed from the right hand side | myStr = RTrim("jjj ") |
| Space(n) | Returns a string consisting of n spaces | myStr = "Hello" + Space(2) |
| StrReverse(string) | Returns the reverse of the given string | myStr = StrReverse("OHM") |
| Trim(string) | Returns a string with white space removed from both sides | myStr = Trim(" jjj ") |
| UCase(string) | Returns the input string converted to upper case | myStr = UCase("jhjhj") |

**String Class Methods**

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| **Method** | **Description** | **Example** |
| string.Concat(a, b) | Concatenates (adds together) the two strings a and b returning a new string. | c = string.Concat(a,b); |
| Contains(a) | Returns true or false depending on whether the string contains the string value specified by the parameter a. | inString = myString.Contains("@"); |
| IndexOf(a) | Returns an integer representing the position of the first occurrence of the string or character a. | pos = myString.IndexOf("@"); |
| LastIndexOf(a) | Returns an integer representing the position of the last occurrence of the string or character a. | pos = myString.LastIndexOf("@"); |
| Remove(a) | Removes all of the characters of the string beginning at position a and continuing through to the end. | newString = myString.Remove(3); |
| Remove(a,b) | Removes b characters from the string starting at position a. | newString = myString.Remove(3, 2); |
| Replace(a,b) | Replaces all instances of the string a with the string b. | newString = myString.Replace("his", "her"); |
| Substring(a) | Returns a substring from the string, starting at position a. | mySub = myString.Substring(3); |
| Substring(a,b) | Returns a substring from the string, starting at position a and continuing for b characters. | mySub = myString.Substring(3, 4); |
| ToLower() | Copies the string to lowercase. | newString = myString.ToLower(); |
| ToUpper() | Copies the string to uppercase. | newString = myString.ToUpper(); |
| Trim() | Removes white space characters from the start and end of a string. | newString = myString.Trim(); |
| TrimEnd() | Removes white space characters from the end of a string. | newString = myString.TrimEnd(); |
| TrimStart() | Removes white space characters from the start of the string. | newString = myString.TrimStart(); |