Text And Array Helper Functions - V1.0.0

# Features:

The Text and Array Helper Function Plugin consists of 5 text functions and 1 array function.

1. **endswith()** - Checks whether the string ends with the specified search text. Returns false if the text does not end with the search text.
2. **startswith()** - Checks whether the string starts with the specified search text. Returns false if the text does not start with the search text.
3. **equalsignorecase()** - Compares two given text strings in a case-insensitive manner, returning true if they are same.
4. **swapcase()** - Converts all characters in the text where each uppercase letter is converted to lowercase and each lowercase letter is converted to uppercase.
5. **lastindexof()** - Returns the last index of the search text present in the within text.
6. **sortnumberarray()** - Sorts the given number array either ascending or descending order.

# Text Functions:

# EndsWith- endswith()

This function checks whether the string ends with the specified search text. Returns false if the text does not end with the search text.

## Parameters

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl No** | **Name** | **Type** | **Description** |
| 1 | search\_text | Text | The text that will be searched for. |
| 2 | within\_text | Text | The text within which the search text will be searched for. |

**Output –** A Boolean that gives whether the end text is present or not.

# StartsWith- startswith()

This function checks whether the string starts with the specified search text. Returns false if the text does not start with the search text.

## Parameters

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl No** | **Name** | **Type** | **Description** |
| 1 | search\_text | Text | The text that will be searched for. |
| 2 | within\_text | Text | The text within which the search text will be searched for. |

**Output –** A Boolean that gives whether the end text is present or not.

# EqualsIgnoreCase- equalsignorecase()

This function compares two given text strings in a case-insensitive manner, returning true if they are same.

## Parameters

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl No** | **Name** | **Type** | **Description** |
| 1 | text1 | Text | One of two strings that will be compared. |
| 2 | text2 | Text | The other string that will be compared. |

**Output –** A Boolean that gives whether the given two strings are equal case insensitive.

# SwapCase- swapcase()

This function converts all characters in the text where each uppercase letter is converted to lowercase and each lowercase letter is converted to uppercase.

## Parameters

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl No** | **Name** | **Type** | **Description** |
| 1 | text | Text | The text to be case swapped. |

**Output –** A text for which the case is swapped.

# LastIndexOf - lastindexof()

This function returns the last index of the search text present in the within text.

## Parameters

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl No** | **Name** | **Type** | **Description** |
| 1 | search\_text | Text | The text that will be searched for. |
| 2 | within\_text | Text | The text within which the search text will be searched for. |

**Output –** The last index of the text present in a String.

# Array Function:

# SortArray- sortarray()

This function sorts the given number array either ascending or descending order.

## Parameters

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl No** | **Name** | **Type** | **Description** |
| 1 | array | List of Integer | The number array that should be sorted. |
| 2 | isAscending | Boolean | A boolean if false, it sorts the array in descending order or else in ascending order. Default: true. |

**Output –** the array that is sorted.

**Sample Code:**

{

/\*Text Functions\*/

endswith("H", "Hello"),

startswith("H", "Hello"),

equalsignorecase("HEllo", "hello"),

lastindexof("H", "Hello Hello"),

swapcase("Hello"),

/\*Array Functions\*/

sortnumberarray({ 2, 1, 3 },true)

}