

# TEXTJOIN function

## ► *Applies To*

Here's your free trial of Microsoft 365

[Unlock now](#)

The TEXTJOIN function combines the text from multiple ranges and/or strings, and includes a delimiter you specify between each text value that will be combined. If the delimiter is an empty text string, this function will effectively concatenate the ranges.

**Note:** This feature is available on Windows or Mac if you have Office 2019, or if you have a [Microsoft 365 subscription](#). If you are a Microsoft 365 subscriber, [make sure you have the latest version of Office](#).

## Syntax

TEXTJOIN(delimiter, ignore\_empty, text1, [text2], ...)

---

argument	Description
<b>delimiter</b> (required)	A text string, either empty, or one or more characters enclosed by double quotes, or a reference to a valid text string. If a number is supplied, it will be treated as text.
<b>ignore_empty</b> (required)	If TRUE, ignores empty cells.
<b>text1</b> (required)	Text item to be joined. A text string, or array of strings, such as a range of cells.

---

---

**argument**

**Description**

---

**[text2, ...]**  
(optional)

Additional text items to be joined. There can be a maximum of 252 text arguments for the text items, including **text1**. Each can be a text string, or array of strings, such as a range of cells.

---

For example, =TEXTJOIN(" ",TRUE,"The", "sun", "will", "come", "up", "tomorrow.") will return **The sun will come up tomorrow.**

## Remarks

- If the resulting string exceeds 32767 characters (cell limit), TEXTJOIN returns the #VALUE! error.

## Examples

Copy the example data in each of the following tables, and paste it in cell A1 of a new Excel worksheet. For formulas to show results, select them, press F2, and then press Enter. If you need to, you can adjust the column widths to see all the data.

### Example 1

---

#### Currency

---

US Dollar

---

Australian  
Dollar

---

Chinese Yuan

---

Hong Kong  
Dollar

---

Israeli Shekel

---

South Korean  
Won

---

## Currency

---

Russian Ruble

---

**Formula:**        =TEXTJOIN(", ", TRUE, A2:A8)

---

**Result:**         US Dollar, Australian Dollar, Chinese Yuan, Hong Kong Dollar, Israeli Shekel, South Korean Won, Russian Ruble

---

## Example 2

---

A's	B's
-----	-----

---

a1	b1
----	----

---

a2	b2
----	----

---

a4	b4
----	----

---

a5	b5
----	----

---

a6	b6
----	----

---

a7	b7
----	----

---

**Formula:**    =TEXTJOIN(", ", TRUE, A2:B8)

---

**Result:**     a1, b1, a2, b2, a4, b4, a5, b5, a6, b6, a7, b7

If ignore\_empty=FALSE, the result would be: **a1, b1, a2, b2, , , a4, b4, a5, b5, a6, b6, a7, b7**

---

### Example 3

---

City	State	Postcode	Country
Tulsa	OK	74133	US
Seattle	WA	98109	US
Iselin	NJ	08830	US
Fort Lauderdale	FL	33309	US
Tempe	AZ	85285	US
end			
,	,	,	;

---

**Formula:** =TEXTJOIN(A8:D8, TRUE, A2:D7)

---

**Result:** Tulsa,OK,74133,US;Seattle,WA,98109,US;Iselin,NJ,08830,US;Fort  
Lauderdale,FL,33309,US;Tempe,AZ,85285,US;end

---