

“What is the purpose of the Excel LOWER function?”

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June 29, 2024

RECOMMENDED CITATION

stats writer (2024). “What is the purpose of the Excel LOWER function?”.
PSYCHOLOGICAL SCALES. Retrieved from <https://scales.arabpsychology.com/?p=158053>

The Excel LOWER function is designed to convert all uppercase letters in a cell to lowercase. Its purpose is to make data processing and analysis easier by ensuring uniformity in text format. This function is particularly useful when working with large datasets or when merging data from different sources. By converting all text to lowercase, the Excel LOWER function allows for more accurate comparison and sorting of data. It also helps to improve the overall consistency and readability of the data.

Excel LOWER Function

LOWER Function

The **LOWER** function is used to lowercase text in a cell.

Changing the letter case of your cell values can be great when there is a lot of case inconsistency among the cell inputs or when preparing your dataset for case-sensitive usage.

It is typed `=LOWER`

If you want to use the function on a single cell, write:

`=LOWER(cell)`

If you want to use the function on a range of cells, write:

`=LOWER(start cell:end cell)`

A is uppercase.


a is lowercase.

How to Use LOWER Function

To lower the text within an Excel cell, use **LOWER**.

Step 1) Start the LOWER function

Select a cell **E2**Type `=LOWER`Double click the **LOWER** command

	A	B	C	D	E	F	G	H
1	Name	Type 1	Total stats					
2	ManKey	FIghTING	305		=LOWER			
3	pOLlwRath	WATER	510		 LOWER	Converts all letters in a text string to lowercase		
4	VICtreeBel	GrASs	490					
5	TentaCool	WateR	335					
6	MagNETon	EleCTric	465					
7	DeWgONG	WaTEr	475					
8	CloysTER	WAtEr	525					
9	OnIX	RoCk	385					
10	DragONAir	DRAGON	420					
11	PIDGEOTTO	NorMaL	349					
12	RaTTAta	NOrmaI	253					
13	BeEDrill	BuG	395					
14	DodUO	NoRMAI	310					
15	KinGLer	WateR	475					
16	NIDoquEEen	POlson	505					
17	HitMONChan	FighTING	455					
18	CharMELEon	FirE	405					
19	ArBOk	PolSOon	438					
20	GasTly	gHOsT	310					
21	maGIKarp	wATer	200					
22								

Follow along the tutorial by trying it yourself!

Copy the values in the example above and try it on your own!

Step 2) Define the cell

Select a cell (A2) Hit enter

	A	B	C	D	E
1	Name	Type 1	Total stats		
2	ManKey	FiGhTING	305		=LOWER(A2)
3	pOLlwRath	WATER	510		
4	VICtreeBeL	GrASs	490		
5	TentaCool	Water	335		
6	MagNETon	EleCTric	465		
7	DeWgONg	WaTEr	475		
8	CloySTER	WAtEr	525		
9	OnIX	RoCk	385		
10	DragONAir	DRAGON	420		
11	PIDGEOTTO	NorMaL	349		
12	RaTTAta	NORmAl	253		
13	BeEDrill	BuG	395		
14	DodUO	NoRMAI	310		
15	KinGLer	Water	475		
16	NIDoquEEn	POlson	505		
17	HitMONChan	FighTING	455		
18	CharMELEon	FirE	405		
19	ArBOk	PoISOn	438		
20	GasTLy	gHOsT	310		
21	maGIKarp	wATer	200		
22					

The letter case of cell A2 has been changed!

	A	B	C	D	E
1	Name	Type 1	Total stats		
2	Mankey	Fighting	305		Mankey Poliwrath
3	Poliwrath	Water	510		
4	Victreebel	Grass	490		
5	Tentacool	Water	335		
6	Magnetron	Electric	465		
7	Dewgong	Water	475		
8	Cloyster	Water	525		
9	Onix	Rock	385		
10	Dragonair	Dragon	420		
11	Pidgeotto	Normal	349		
12	Rattata	Normal	253		
13	Beedrill	Bug	395		
14	Doduo	Normal	310		
15	Kingler	Water	475		
16	Nidoqueen	Poison	505		
17	Hitmonchan	Fighting	455		
18	Charmeleon	Fire	405		
19	Arbok	Poison	438		
20	Gastly	Ghost	310		
21	Magikarp	Water	200		

Step 3) Define the range to use the LOWER function on multiple cells

Select the starting cell (A2) Add a colon (:). Select the ending cell (B21) Hit enter

	A	B	C	D	E	F
1	Name	Type 1	Total stats			
2	ManKey	FiGhTING	305		=LOWER(A2:B21)	
3	pOLLwRAth	WATER	510			
4	ViCtreeBeL	GrASs	490			
5	TentaCool	Water	335			
6	MagNETon	EleCTric	465			
7	DeWgONg	WaTEr	475			
8	CloysTER	WAtEr	525			
9	OnIX	RoCk	385			
10	DragONAir	DRAGON	420			
11	PIDGEOTTO	NorMaL	349			
12	RaTTAta	NOrmaI	253			
13	BeEDrill	BuG	395			
14	DodUO	NoRMAI	310			
15	KinGLer	Water	475			
16	NIDoquEEn	POlson	505			
17	HitMONChan	FighTING	455			
18	CharMELEon	FirE	405			
19	ArBOk	PolSOOn	438			
20	GasTLy	gHOsT	310			
21	maGIKarp	wATer	200			
22						

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	A	B	C	D	E	F
1	Name	Type 1	Total stats			
2	ManKey	FiGHTING	305		mankey	fighting
3	pOLlWRAth	WATER	510		poliwraith	water
4	ViCTreeBeL	GrASSs	490		victreebel	grass
5	TentaCool	Water	335		tentacool	water
6	MagNETon	EleCTric	465		magneton	electric
7	DeWgONg	WaTEr	475		dewgong	water
8	CloySTER	WATer	525		cloyster	water
9	OnIX	RoCk	385		onix	rock
10	DragONAir	DRAGON	420		dragonair	dragon
11	PIDGEOtTO	NorMaL	349		pidgeotto	normal
12	RaTTAta	NOrmAl	253		rattata	normal
13	BeEDrill	BuG	395		beedrill	bug
14	DodUO	NoRMAL	310		doduo	normal
15	KinGLer	Water	475		kingler	water
16	NIDoquEEn	POlson	505		nidoqueen	poison
17	HitMONChan	FighTING	455		hitmonchan	fighting
18	CharMELEon	FirE	405		charmeleon	fire
19	ArBOK	POlSON	438		arbok	poison
20	GasTLy	gHOsT	310		gastly	ghost
21	maGIKarp	wATer	200		magikarp	water
22						

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