



Text Files and Binary Files

The file that can be open and read with just a plain editor such as Notepad++ and TextWrangler is a text file.

The file that needs a special program to open is binary file

Given a type of file, you are supposed to know whether it is a binary file or a text file.

EXCEL FILE

Older version excel files has 'xls', newer version excel has 'xlsx' as the extension

What is in B18?

	A	B	C	
3		105	New York Times' Best Sellers List (C	
4				
5				
6		<u>Rank</u>	<u>Title</u>	<u>Au</u>
7		1	THE GIRL ON THE TRAIN	Pa
8		2	ONE WISH	Ro
9		3	FIFTY SHADES DARKER	E.
10		4	PRODIGAL SON	Da
11		5	MIGHTIER THAN THE SWORD	Jel
12		6	FIFTY SHADES OF GREY	E.
13		7	FIFTY SHADES FREED	E.
14		8	ALL THE LIGHT WE CANNOT SEE	An
15		9	FALLING FOR MY BEST FRIEND'S BROTHER	J. S
16		10	STILL ALICE	Lis
17				
18		10	=B18	
19				



What is B18+B19?

INDEX | fx | =B18+B19

	A	B	C
3		105	New York Times' Best Sellers List (
4			
5			
6		<u>Rank</u>	<u>Title</u>
7		1	THE GIRL ON THE TRAIN
8		2	ONE WISH
9		3	FIFTY SHADES DARKER
10		4	PRODIGAL SON
11		5	MIGHTIER THAN THE SWORD
12		6	FIFTY SHADES OF GREY
13		7	FIFTY SHADES FREED
14		8	ALL THE LIGHT WE CANNOT SEE
15		9	FALLING FOR MY BEST FRIEND'S BROTHER
16		10	STILL ALICE
17			
18		10	10
19		15	=B18+B19
20			

What is C18 multiply by 2?

INDEX | fx | =C18*2

	A	B	C	D
3		105	New York Times' Best Sellers List (Combined Print and E-Bo	
4				
5				
6		<u>Rank</u>	<u>Title</u>	<u>Author</u>
7		1	THE GIRL ON THE TRAIN	Paula Hawkins
8		2	ONE WISH	Robyn Carr
9		3	FIFTY SHADES DARKER	E. L. James
10		4	PRODIGAL SON	Danielle Steel
11		5	MIGHTIER THAN THE SWORD	Jeffrey Archer
12		6	FIFTY SHADES OF GREY	E. L. James
13		7	FIFTY SHADES FREED	E. L. James
14		8	ALL THE LIGHT WE CANNOT SEE	Anthony Doerr
15		9	FALLING FOR MY BEST FRIEND'S BROTHER	J. S. Cooper and Helen Cooper
16		10	STILL ALICE	Lisa Genova
17				
18		10	10	=C18*2
19		15	25	

EXCEL FUNCTION: AVERAGE

Calculate the average from range E7 to E16

<u>Weeks on List</u>	
7	=AVERAGE(E7:E16)
1	
60	
1	
1	
79	
57	
24	
1	
7	

Calculate the sum from range E7 to E16

E	F	G	H
ook Fiction, March 15, 2015)			
<u>Weeks on List</u>			
7		23.8	
1			
60			
1			
1		=SUM(E7:E16)	
79			
57			
24			
1			
7			

Count the length (how many element in the column)

Book Fiction, March 15, 2015)

<u>Weeks on List</u>	
7	23.8
1	
60	
1	=COUNT(E7:E16)
1	238
79	
57	
24	
1	
7	

So we could use SUM/COUNT to get AVERAGE

E	F	G
Book Fiction, March 15, 2015)		
<u>Weeks on List</u>		
7		23.8
1		
60		
1	10	
1	238	
79		
57	=G11/G10	
24		
1		
7		