

## **Text Files and Binary Files**

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

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

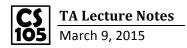
## Given a type of file, you are supposed to know whether it is a binary file or a text file.

## **EXCEL FILE**

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

#### What is in B18?

	A	В	C	
3		105	New York Times' Best Sellers List	: (C
4				
5				
6		Rank	Title	Au
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	Jef
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. 5
16		10	STILL ALICE	Lis
17				
18		10	=B18	

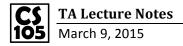


What is B18+B19?

	IN	DEX ‡	Τ	😵 📀 ( fx = B18+B19
AB		T	С	
3		105		New York Times' Best Sellers List (
4				
5				
6		Rank	•	Title
7				THE GIRL ON THE TRAIN
8			2 (	ONE WISH
9			3	FIFTY SHADES DARKER
10			4 1	PRODIGAL SON
11			5 1	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		1	0 9	STILL ALICE
17				
18			0	
19		1	5	=B18+B19
20				

What is C18 multiply by 2?

	IN	DEX ‡	😵 📀 (* fx =C18*2	
	A	В	C	D
3		105	New York Times' Best Sellers List	(Combined Print and E-Bo
4				
4				
6	-	Barah	<b>*</b> **1_	Author:
		Rank	Title	Author
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	
	-			



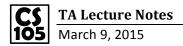
# **EXCEL FUNCTION:** <u>AVERAGE</u>

Calculate the average from range E7 to E16

Weeks on List		t
7	=AVERAGE(E7:E16)	
1		
60		
1		
1		Γ
79		
57		Т
24		Γ
1		Γ
7		T
		t

# Calculate the sum from range E7 to E16

E	F	G	H
ook Fictio	n, March	15, 2015	)
Weeks on I	.ist		
7		23.8	
1			
60			
1			
1		=SUM(E7:E	16)
79			
57			
24			
1			
7			
0			



Count the length (how many element in the column)

ook Fictio	n, March	15, 2015	)
Weeks on L	.ist		
7		23.8	
1			
60			
1		=COUNT(E	7:E16)
1		238	
79			
57			
24			
1			
7			

# So we could use SUM/COUNT to get AVERAGE

E Fictio	F n, March	G 15, 2015)	
eeks on l	.ist		
7		23.8	
1			
60			
1		10	
1		238	
79			
57		=G11/G10	
24			
1			
7			