

Difference between 3 and '3 in Excel

Integer 3	3	
String 3	'3	

String 3 + Integer 3 = 3

Lecture Excel Example

6	What was the ave	erage mean	temperatur	es for the fo	ollowing year	rs?
	2005	=AVERAGE	IFS(G7:G114	,A7:A114,B	135)	
	2006					
	2007					
	2008					
	2009					
	2010					
	2011					
	2012					
	2013					

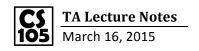
To lock the cell when you copy and paste down:

(=	fx	=AVERAGEIFS(\$G\$7:\$G\$114;\$A\$7:\$A\$114;B135)	

MAX()

7	What was the most precipitation that occurred in a month?			
	Answer:	=MAX(C7:C114)		
		New Fun	ction Max	

[&]quot;Dollar" sign lock the cell: \$G\$7 means never change G and 7



MIN()

8	What was the col	dest average low?	
	Answer:	=MIN(F7:F114)	

MATCH(LOOK_UP_VALUE, LOOKUP_ARRAY, MATCH_TYPE)

MATCH(): Finds the index of the look up value

10	What year did the	e coldest av	erage low o	ccur in?	
	Answer:	49	=MATCH(C	149,F7:F114	,0)

match_type: Optional. The number -1, 0, or 1. The match_type argument specifies how Excel matches lookup value with values in lookup array. The default value for this argument is 1.

Match_type	Behavior
1 or omitted	MATCH finds the largest value that is less than or equal to <i>lookup_value</i> . The values in the <i>lookup_array</i> argument must be placed in ascending order, for example:2, -1, 0, 1, 2,, A-Z, FALSE, TRUE.
0	MATCH finds the first value that is exactly equal to <i>lookup_value</i> . The values in the <i>lookup_array</i> argument can be in any order.
-1	MATCH finds the smallest value that is greater than or equal to <i>lookup_value</i> . The values in the <i>lookup_array</i> argument must be placed in descending order, for example: TRUE, FALSE, Z-A,2, 1, 0, -1, -2,, and so on.

INDEX()

11	How many days did it snow in 2010?				
	Answer:	2009	=INDEX(A7	A114,C152,1	L)