

	A	B	C	D	E	F	G	H	I
1									
2									
3									
4				3 < cell D4					
5									
6				Formula	Answer				
7				IF(D4=3,100,0)	100				
8				IF(D4<>3,100,0)	0				
9									
10				FIGURE 1 Simple IF statement					
11									
12									
13									
14									
15				Test1	Test2				
16				3	0				
17									
18				Formula	Answer				
19				=IF(TEST1,100,0)	Err:508				
20				=IF(TEST2,100,0)	Err:508				
21									
22				FIGURE 2 Simple IF statement w/o logical test					
23				Notice there's no direct logical test					
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	J	K	L	M	N	O	P	Q	R	S	
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15											
16			IF formula: =IF(HeadingText=Salesperson,Amount,0)								
17											
18			Salesperson	Amount	Conte	Williams	Johnson				
19			Conte	100	Err:508	Err:508	Err:508				
20			Williams	500	Err:508	Err:508	Err:508				
21			Johnson	50	Err:508	Err:508	Err:508				
22			Williams	30	Err:508	Err:508	Err:508				
23			Johnson	400	Err:508	Err:508	Err:508				
24			Conte	395	Err:508	Err:508	Err:508				
25											
26											
27			FIGURE 3								
28											
29											
30											
31											
32											
33			Array IF formula: {=IF(HeadingText3=Salesperson3,Amount3,0)}								
34											
35			Salesperson	Amount	Conte	Williams	Johnson				
36			Conte	100	Err:508	Err:508	Err:508				
37			Williams	500	Err:508	Err:508	Err:508				
38			Johnson	40	Err:508	Err:508	Err:508				
39			Williams	30	Err:508	Err:508	Err:508				
40			Johnson	400	Err:508	Err:508	Err:508				
41			Conte	395	Err:508	Err:508	Err:508				
42											
43											
44			FIGURE 5								
45											
46											
47											
48											
49			Named Implied IF formula: =TurboImpliedIF								
50											
51			Salesperson	Amount	Conte	Williams	Johnson				
52			Conte	100	Err:508	Err:508	Err:508				
53			Williams	500	Err:508	Err:508	Err:508				
54			Johnson	40	Err:508	Err:508	Err:508				

	J	K	L	M	N	O	P	Q	R	S	
55			Williams	30		Err:508	Err:508	Err:508			
56			Johnson	400		Err:508	Err:508	Err:508			
57			Conte	395		Err:508	Err:508	Err:508			
58											
59											
60			FIGURE 6								
61											
62			To view the TurboImpliedIF formula, first select Options								
63			Workspace and check the R1C1 box. Select FORMULA								
64			DEFINE NAME and then highlight the name in the Names in								
65			Sheet box. The formula uses a combination of relative/absolute								
66			references and the Implied IF construct. It's very efficient in								
67			terms of memory and excels (ha-ha) in recal. speed.								
68			This is a "power user" type formula.								
69											
70			Note: the suggestion to change to R1C1 notation makes the								
71			formula clearer. It makes the relative/absolute references								
72			easier to see but doesn't change the formula in any way. Writing								
73			complicated Named formulas in R1C1 notation makes the								
74			reference types (absolute/relative) a little more straight forward								
75			and easier to debug if necessary.								
76											
77											
78											
79						Copyright © 1990 Don Baarns EXCEL TEAM					
80						All rights reserved					

	T	U	V	W	X	Y	Z	AA	AB
1									
2									
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14									
15				IF formula: =(HeadingText2=Salesperson2)*Amount2					
16									
17									
18				Salesperson	Amount	Conte	Williams	Johnson	
19				Conte	100	Err:508	Err:508	Err:508	
20				Williams	500	Err:508	Err:508	Err:508	
21				Johnson	50	Err:508	Err:508	Err:508	
22				Williams	30	Err:508	Err:508	Err:508	
23				Johnson	400	Err:508	Err:508	Err:508	
24				Conte	395	Err:508	Err:508	Err:508	
25									
26									
27				FIGURE 4					
28									
29									
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32									
33				Array Implied IF formula: {=(HeadingText4=Salesperson4)*Amount4}					
34									
35				Salesperson	Amount	Conte	Williams	Johnson	
36				Conte	100	Err:508	Err:508	Err:508	
37				Williams	500	Err:508	Err:508	Err:508	
38				Johnson	40	Err:508	Err:508	Err:508	
39				Williams	30	Err:508	Err:508	Err:508	
40				Johnson	400	Err:508	Err:508	Err:508	
41				Conte	395	Err:508	Err:508	Err:508	
42									
43									
44				FIGURE 6					
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