Day 5 aims to solve exercises on conditional formulas mainly lfs.

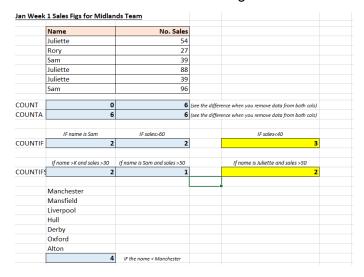
Q1: Use IF to calculate sales commission. Calculate commissions for all sales. Imply the condition:

- a) If the value in the sales table is greater then 30,000 then commission would be 20%.
- b) If the sales are anything less, commission rate will be 1%.

Printer Cartridge Reps Commission for This Month Using Single IF						
Sales Rep	Sales	Commission This Month				
Emily	£25,000.00	£250.00				
Rob	£19,000.00	£190.00	Threshold	£30,000		
Michael	£27,500.00	£275.00	High Rate	20.00%		
Francine	£14,000.00	£140.00	Low Rate	1.00%		
Mircea	£33,300.00	£666.00				
Helena	£41,800.00	£836.00				
Bridget	£17,300.00	£173.00				
Paolo	£23,800.00	£238.00				
TOTAL	£201,700.00	£2,768.00				

Q2: Calculate conditional counts and sums of data using Excel functions for sales data.

- a) Calculate the count of sales less than 40.
- b) Show the number of sales where the name is Juliette and sales are greater than 50.
- c) Show the sum of all sales where sales are less than 40.
- d) Show the total of all Sam's sales that are greater than 70.



Jan Wee	k 1 Sales Figs for Mid	lands Team	
	Name	No. Sales	
	Juliette	54	
	Rory	27	
	Sam	39	
	Juliette	88	
	Juliette	39	
	Sam	96	
SUM	0	343	
	IF name is Juliette	IF sales>80	IF sales<40
SUMIF	0	184	10
	If name <m <45<="" and="" sales="" td=""><td>If name is Rory and sales <50</td><td>If name is Sam and sales >70</td></m>	If name is Rory and sales <50	If name is Sam and sales >70
SUMIFS	39	27	g

Q3: Calculate different parking charges for parking data. Apply the following condition:

- a) If park > 6, pay 3.50\$/ hr.
- b) Anything less, pay 1\$/ hr.

Car Parkin	g Charge	<u>s</u>			
Car Reg	No. Hrs Parked	Parking Charge			
DA12 NEJ	6	£6.00	If park >6 hours, pay £3.50 pr hr		
MA16 BVW	12	£42.00	Anything less pay £1 pr hr		
DD11 SFD	8	£28.00			
MA14 NHG	11	£38.50	Threshold	6	
YK14 BHH	5	£5.00	Long Hour Fee	£3.50	
DY15 FLB	3	£3.00	Short Hour Fee	£1.00	
MM12 SWL	12	£42.00			
MA16 GKW	7	£24.50			
FS12 DSD	1	£1.00			
DA11 SBM	6	£6.00			

Q4: Use IF to display different size text images. Create a function that displays the message for order size. Apply conditions:

- a) If the age is greater than or equal to 6 weeks, set the order size to medium.
- b) Anything less, set it to Small.

Babygro O		
Order No	Age of Baby	Order
Order No	(in weeks)	Size
5937	2	Small
5938	8	Medium
5562	3	Small
5939	12	Medium
5880	9	Medium
5941	6	Medium
5945	1	Small
5942	5	Small
Age threshold:	6	