Simple IF

	A	B	C	D	E	F
1	ONE DAY CRICKET MATCH					
2	Player's Name	Match1	Match2	Match3	Total Score	Remarks
3	Younas Khan	23	67	10	100	
4	Misbah	45	54	7	106	
5	Yousuf	22	39	38	99	
6	Afridi	3	39	88	130	
7	Inzimam	62	44	102	208	
8	Shoaib	4	18	34	56	
9	Faisal	11	35	0	46	
10	Wasim	13	45	0	58	
11	Rana	9	12	23	44	
12	Feroz	23	0	21	44	
13	Ali	0	2	4	6	
14	TOTAL	215	355	327	897	

In this sheet we want to calculate REMARKS for players, what is the criterion?

Criteria for Remarks:

TOTAL SCORE >=100	Remarks	=	Good
TOTAL SCORE <100	Remarks	=	Bad

Nested IF

	A	B	C	D	E	F	G
1	MediaSoft Sales Report For the month of JAN-2008						
2	Sales Person	QTR1	QTR2	QTR3	QTR4	TOTAL	BONUS
3	Asif	16000	14000	12000	13000	55000	
4	Ali	4500	3456	8990	16946	33892	
5	Kashif	6700	5533	4455	16688	33376	
6	Rehman	30000	100000	150000	40000	320000	
7	Nazir	50000	70000	12000	132000	264000	
8	Raza	3454	15000	20000	38454	76908	
9	Faisal	5544	30000	6786	42330	84660	
10	Akram	7789	3366	5457	16612	33224	
11	Rashid	5643	3456	7777	9008	25884	
12	Farooq	3456	5577	8988	4444	22465	
13	Sabir	1234	30000	40000	71234	142468	

Criteria for Bonus:

TOTAL >=300000	Bonus	=	Rs. 10000
TOTAL >=200000	Bonus	=	Rs. 7000
TOTAL >=100000	Bonus	=	Rs. 5000
TOTAL >= 50000	Bonus	=	No Bonus
TOTAL >=50000	Bonus	=	Kick Out

PAYROLL SYSTEM OF E-SHARP INSTITUTE

EMP. NAME	DESIG.	BASIC	HOUSE RENT	CONV.	MEDICAL	GROSS SALARY	INCOME TAX	NET SALARY
Noor	Director Edu.	15000						
Sohail	D.Director	10000						
Aijaz	Officer	8000						
Raza	Assistant	4000						
Sana	Operator	3000						
Fozia	Clerk	3500						
Riaz	Peon	2500						
Jalal	Jr. Accountant	7000						
Basit	Officer	8000						
Zeeshan	Clerk	3500						
Aftab	Lab Incharge	3500						
Faisal	Watchman	2000						
Hammad	Watchman	2000						
Ali Raza	Watchman	8000						
Noman	Sr. Accountant	9000						
Arif	Lab Assistant	5500						
Noorani	Officer	7500						
Asad	Dir. Admin	20000						

Criteria for House Rent Allowance:

BASIC >=15000	HOUSE RENT	=	23% OF BASIC
BASIC >=12000	HOUSE RENT	=	20% OF BASIC
BASIC >=10000	HOUSE RENT	=	17% OF BASIC
BASIC >= 7000	HOUSE RENT	=	15% OF BASIC
BASIC >= 5000	HOUSE RENT	=	12% OF BASIC
BASIC < 5000	HOUSE RENT	=	1500

Criteria for Conveyance Allowance:

BASIC >=15000	CONVEYANCE	=	6000
BASIC >=12000	CONVEYANCE	=	4500
BASIC >=10000	CONVEYANCE	=	4000
BASIC >= 7000	CONVEYANCE	=	3000
BASIC < 7000	CONVEYANCE	=	10% OF BASIC

Criteria for Medical Allowance:

BASIC >=20000	MEDICAL	=	25% OF BASIC
BASIC >=15000	MEDICAL	=	20% OF BASIC
BASIC >=10000	MEDICAL	=	15% OF BASIC
BASIC >= 5000	MEDICAL	=	10% OF BASIC
BASIC < 5000	MEDICAL	=	NO

Criteria for Income Tax:

GROSS >=20000	INCOME TAX	=	10% OF BASIC
GROSS >=15000	INCOME TAX	=	7% OF BASIC
GROSS >=10000	INCOME TAX	=	5% OF BASIC
GROSS < 10000	INCOME TAX	=	0

MARKS SHEET
HEF Secondary School Karachi

Student Name	Marks in English 100	Marks in Math 100	Marks in Urdu 100	Marks in Islamiat 100	Marks in Computer 100	Total	Marks Obtained	Per%	Grades
Zakir	89	98	87	67	98	500			
Irfan	76	65	88	87	54	500			
Asad	74	87	34	55	76	500			
Qadir	54	44	44	45	34	500			
Yaseen	65	76	65	34	67	500			
Basit	46	45	14	44	45	500			
Talha	77	98	45	87	77	500			
Mansoor	88	77	76	56	87	500			
Younas	97	67	87	78	88	500			
Dilawar	34	54	56	45	88	500			
Nasir	54	78	56	87	54	500			
Ikram	22	98	67	55	23	500			
Maroof	54	65	87	76	43	500			
Khalid	53	76	23	90	89	500			
Abrar	55	65	54	78	65	500			
Faisal	65	45	65	87	65	500			

Criteria for Grades:

PERCENTAGE >=80	GRADE	=	A1
PERCENTAGE >=70	GRADE	=	A
PERCENTAGE >=60	GRADE	=	B
PERCENTAGE >=50	GRADE	=	C
PERCENTAGE >=40	GRADE	=	D
PERCENTAGE < 40	GRADE	=	FAIL

IF with AND

Sales Person	QTR1	QTR2	QTR3	QTR4	BONUS
	MediaSoft Sales Report For the month of JAN-2008				
Zahid	4900	12900	9000	4000	
Mansoor	5300	6500	5400	3400	
Ali	6700	5533	4455	6700	
Rehman	5400	8000	3200	4400	
Nazir	50000	70000	12000	3440	
Raza	3454	15000	20000	5400	
Faisal	5544	30000	6786	6999	
Waseem	7789	3366	5457	5000	
Rashid	5643	3456	7650	9008	
Farooq	3456	5577	8988	4300	
Sajid	1234	30000	40000	6400	
Shamsher	2900	6700	40000	6500	
Latif	7800	5677	36000	9000	
Hamid	7865	4355	46000	6700	
Rashid	3499	5677	9000	4300	
Khurram	5000	8900	90000	4500	
Faisal	6700	12780	10000	9870	
Yahya	12300	8760	34000	5000	

Criteria for Bonus:

IF the Sale of QTR-1 AND QTR-2 AND QTR-3 AND QTR-4 is **>= 5000**,
BONUS   =   2000
ELSE BONUS   =   0

IF with OR

	A	B	C	D	E	F
1	E-SHARP Sales Report For the month of FEB-2008					
2	Sales Person	SALE1	SALE2	SALE3	SALE4	BONUS
3	Ali	678	656	666	700	
4	Faisal	3000	2400	2499	1790	
5	Faisal	6700	2780	10000	9870	
6	Farooq	3456	5577	8988	4300	
7	Hamid	344	555	432	54	
8	Khurram	4678	444	678	4500	
9	Latif	7800	5677	36000	9000	
10	Mansoor	5300	6500	600	3400	
11	Nazir	456	789	999	90	
12	Rashid	345	3456	674	234	
13	Rashid	345	3890	789	765	
14	Raza	3454	15000	20000	5400	
15	Rehman	5400	8000	3200	4400	
16	Sajid	1234	30000	40000	6400	
17	Shamsher	2900	6700	40000	6500	
18	Waseem	7789	6700	5457	5000	
19	Yahya	12300	8760	34000	5000	
20	Zahid	234	567	446	3500	

Criteria for Bonus:

IF the Sale of QTR-1 OR QTR-2 OR QTR-3 OR QTR-4 is >= 5000,
BONUS   =   2000
ELSE BONUS   =   0

IF with NOT

	A	B	C	D	E	F	G
1	E-SHARP Sales Report For the month of FEB-2008						
2	Sales Person	SALE1	SALE2	SALE3	SALE4	TOTAL SALE	REMARKS
3	Rashid	678	656	666	700	2700	
4	Kamran	3000	2400	2499	1790	9689	
5	Khurram	6700	2780	10000	9870	29350	
6	Ali	3456	5577	8988	4300	22321	
7	Nasir	344	555	432	54	1385	
8	Raheel	4678	444	678	4500	10300	
9	Zakir	7800	5677	36000	9000	58477	
10	Yaseen	5300	6500	600	3400	15800	
11	Mansoor	1000	2000	1000	1000	5000	
12	Basit	345	3456	674	234	4709	
13	Faisal	345	3890	789	765	5789	

Criteria for Remarks:

IF the Total Sale is Not Less Than 5000,   Remarks   =   Check
IF the Total Sale is Less Than 5000,   Remarks   =   Don't Check

IF with Other Functions

MediaSoft Sales Report
For the month of JAN-2008
R = RUSULT Total Marks = 100 for each Test
P = PASS, F = FAIL

Student Name	TEST1 100	TEST2 100	TEST3 100	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
Rehman	0	80	90	P	P	P	F	P	F	F	0	0	0	90	170	90	0	P
Laal	60	90	40	P	P	P	F	P	F	F	0	190	0	90	150	90	40	P
Sajid	70	1	10	F	F	F	F	F	F	F	0	0	0	1	27	10	10	F
David	50	50	50	F	F	F	P	F	F	F	0	0	150	50	50	50	50	P
Asif	0	60	40	F	F	F	F	F	F	F	100	100	0	0	33	40	40	F
Noman	10	19	70	F	F	F	F	F	F	F	0	0	0	10	33	19	19	F
Sana	80	30	11	F	F	F	F	F	F	F	0	0	0	80	40	80	11	F
Nadeem	40	87	77	P	P	P	F	P	F	F	0	204	0	87	164	87	40	P
Rehana	80	51	0	F	F	F	F	P	F	F	0	0	0	80	131	80	0	F
Fatima	34	2	56	F	F	F	F	F	F	F	0	0	0	2	31	34	34	F
Asif	33	56	78	P	P	F	F	P	F	F	167	167	0	78	134	78	33	P
Kishwar	55	45	67	P	P	F	F	F	F	F	0	0	0	67	122	67	45	P
Rana	78	67	90	P	P	P	P	P	P	P	0	0	235	90	168	90	67	P
Nadeem	0	76	55	F	F	F	F	P	F	F	0	131	0	76	131	76	0	F
Fazal	45	88	99	P	P	P	F	P	F	P	0	0	0	99	187	99	45	P
Kamran	64	65	0	F	F	F	F	F	F	F	0	0	0	65	129	65	0	F

CELL E3   "R1"   **=IF(SUM(B3:D3)>150,"P","F")**
CELL F3   "R2"   **=IF(NOT(SUM(B3:D3)>150),"F","P")**
CELL G3   "R3"   **=IF(MAX(B3:D3)>80,"P","F")**
CELL H3   "R4"   **=IF(MIN(B3:D3)<50,"F","P")**
CELL I3   "R5"   **=IF(SUMIF(B3:D3,">50")>130,"P","F")**
CELL J3   "R6"   **=IF(COUNTIF(B3:D3,">50")>2,"P","F")**
CELL K3   "R7"   **=IF(AVERAGE(B3:D3)>=70,"P","F")**
CELL L3   "R8"   **=IF(A3="Asif", SUM(B3:D3),0)**
CELL M3   "R9"   **=IF(OR(A3="ASIF",A3="NADEEM",A3="LAAL"),SUM(B3:D3),0)**
CELL N3   "R10" **=IF(AND(B3>=50,C3>=50,D3>=50),SUM(B3:D3),0)**
CELL O3   "R11" **=IF(SUM(B3:D3)>100,MAX(B3:D3),MIN(B3:D3))**
CELL P3   "R12" **=IF(COUNTIF (B3:D3,">50")>1, SUM(B3:D3)-MIN(B3:D3),AVERAGE(B3:D3))**
CELL Q3   "R13" **=IF(SUM (B3:D3)>100, MAX(B3:D3),LARGE(B3:D3,2))**
CELL R3   "R14" **=IF(SUM (B3:D3)>100, MIN(B3:D3),SMALL(B3:D3,2))**
CELL S3   "R15" **=IF(AVERAGE(B3:D3)<50,"F","P")**