

Positive and Negative Charts

EXAMPLE # 2

Net Profit for last ten Years

	A	B	C	D	E	F	G	H
55		Amount in thousand						
56		Year	Net profit/loss	Negative		Positive		
57		2001	20				=REPT(" ",c57/2)	
58		2002	35				=REPT(" ",c58/2)	
59		2003	25				=REPT(" ",c59/2)	
60		2004	-20		=REPT(" ",-c60/2)			
61		2005	-8		=REPT(" ",-c61/2)			
62		2006	45				=REPT(" ",c62/2)	
63		2007	40				=REPT(" ",c63/2)	
64		2008	-11		=REPT(" ",-c64/2)			
65		2009	11				=REPT(" ",c65/2)	
66		20010	30				=REPT(" ",c66/2)	
67								
68								
69		We can also make combined positive or negative graphs by combining "if" and "rept" functions						

We can also make combined positive or negative graphs by combining "if" and "rept" functions as under:

	A	B	C	D	E	F	G
73		Amount in thousand					
74		Year	Net profit/loss	Negative	Positive		
75		2001	20			=IF(c75>0,REPT(" ",c75/2),"")	
76		2002	35				
77		2003	25				
78		2004	-20			=IF(c78<0,REPT(" ",-c78/2),"")	
79		2005	-8				
80		2006	45				
81		2007	40				
82		2008	-11				
83		2009	11				
84		2010	30				
85							
86							

Labeled Bars

EXAMPLE # 3

We can also create labeled bars with the help of this function using "&"

	A	B	C	D	E	F	G	H	I
95		Year	Amount in Lacs	Graph					
96		2005	10000	■■■■■ 10000					=REPT("I",c96/1000)&" "&F96
97		2006	12000	■■■■■ 12000					=REPT("I",c97/1000)&" "&F96
98		2007	20000	■■■■■■■■■ 20000					=REPT("I",c98/1000)&" "&F96
99		2008	25000	■■■■■■■■■ 25000					=REPT("I",c99/1000)&" "&F96
100		2009	30000	■■■■■■■■■■■ 30000					=REPT("I",c100/1000)&" "&F96
101		2010	38000	■■■■■■■■■■■ 38000					=REPT("I",c101/1000)&" "&F96
102									

Note: two spaces have been given between "" to determine the label position from bar. It can be increased or reduced by increasing the spaces or reducing them.

Gantt Chart

A Gantt chart is a type of bar chart that illustrates a project schedule. An audit program can be graphed using this method

EXAMPLE # 4

	A	B	C	D	E	F	G	H	I	J	K
119		Audit Planning:		Start Date	End Date	Graph					
120		Preliminary Discussions		June 7	June 7	I					=REPT(" ",(D120-MIN(\$D\$120:\$D\$130)))&REPT("I",(E120-D120+1))
121		Preliminary Survey		June 8	June 10	III					=REPT(" ",(D121-MIN(\$D\$120:\$D\$130)))&REPT("I",(E121-D121+1))
122		Planning memorandum		June 9	June 11	III					=REPT(" ",(D122-MIN(\$D\$120:\$D\$130)))&REPT("I",(E122-D122+1))
123		Field Work:									
124		Analysis and Evaluation		June 12	June 14	III					=REPT(" ",(D124-MIN(\$D\$120:\$D\$130)))&REPT("I",(E124-D124+1))
125		Performing tests and procedures		June 12	June 22	■■■■■■■					=REPT(" ",(D125-MIN(\$D\$120:\$D\$130)))&REPT("I",(E125-D125+1))
126		Exit Discussions:									
127		Rough Draft		June 23	June 24	II					=REPT(" ",(D127-MIN(\$D\$120:\$D\$130)))&REPT("I",(E127-D127+1))
128		Discussion Draft		June 25	June 27	III					=REPT(" ",(D128-MIN(\$D\$120:\$D\$130)))&REPT("I",(E128-D128+1))
129		Final Report		June 28	June 29	II					=REPT(" ",(D129-MIN(\$D\$120:\$D\$130)))&REPT("I",(E129-D129+1))
130		Audit Follow Up		July 1	July 7	■■■■■					=REPT(" ",(D130-MIN(\$D\$120:\$D\$130)))&REPT("I",(E130-D130+1))
131											

I would really like members to practice it and hope that the above information would be useful in their professional work.

Sincerely

CA Ashutosh Lohani
9415464475
lohani@yahoo.com