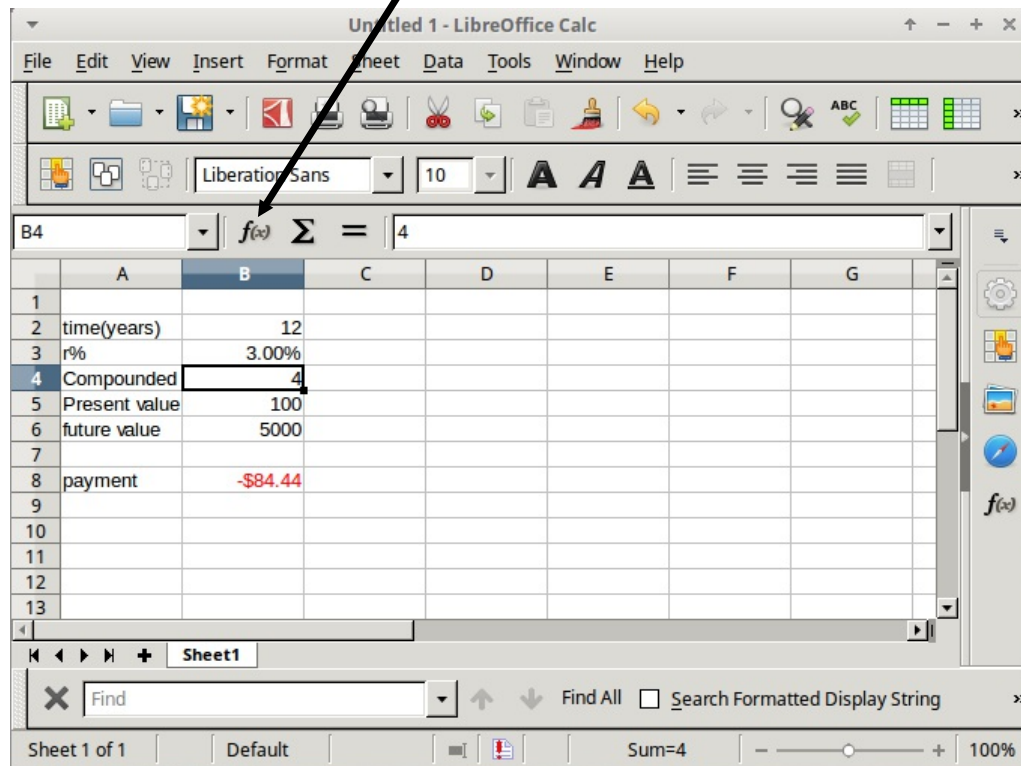
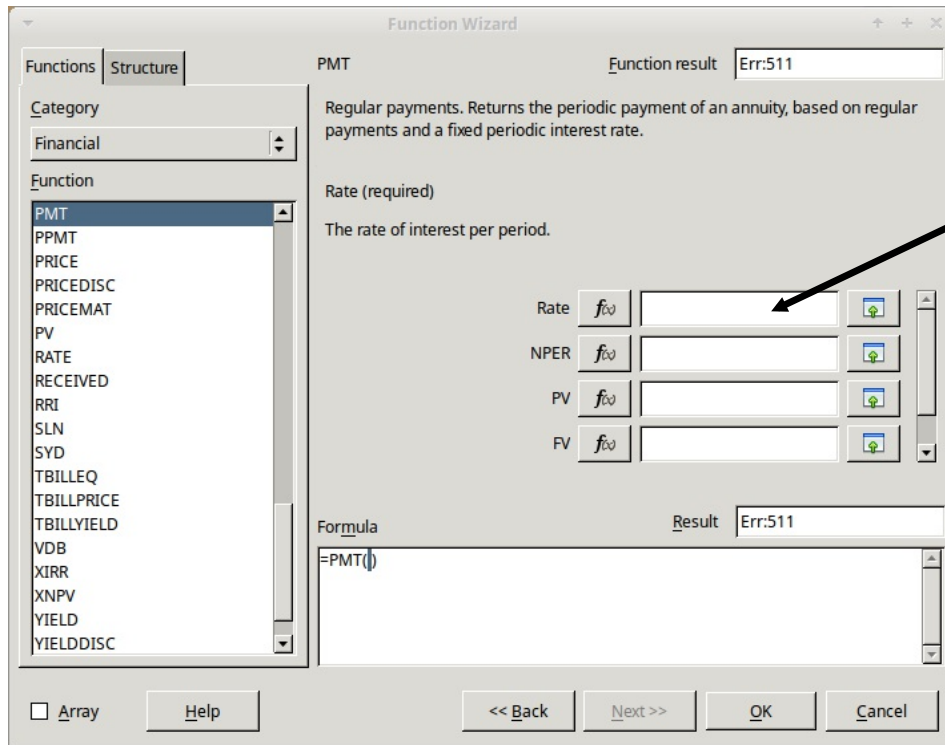


Lets compute the payment needed when you want to save up to \$5,000.  
Start the account with \$100 and earn interest 3% compounded quarterly.

### Function Wizzard



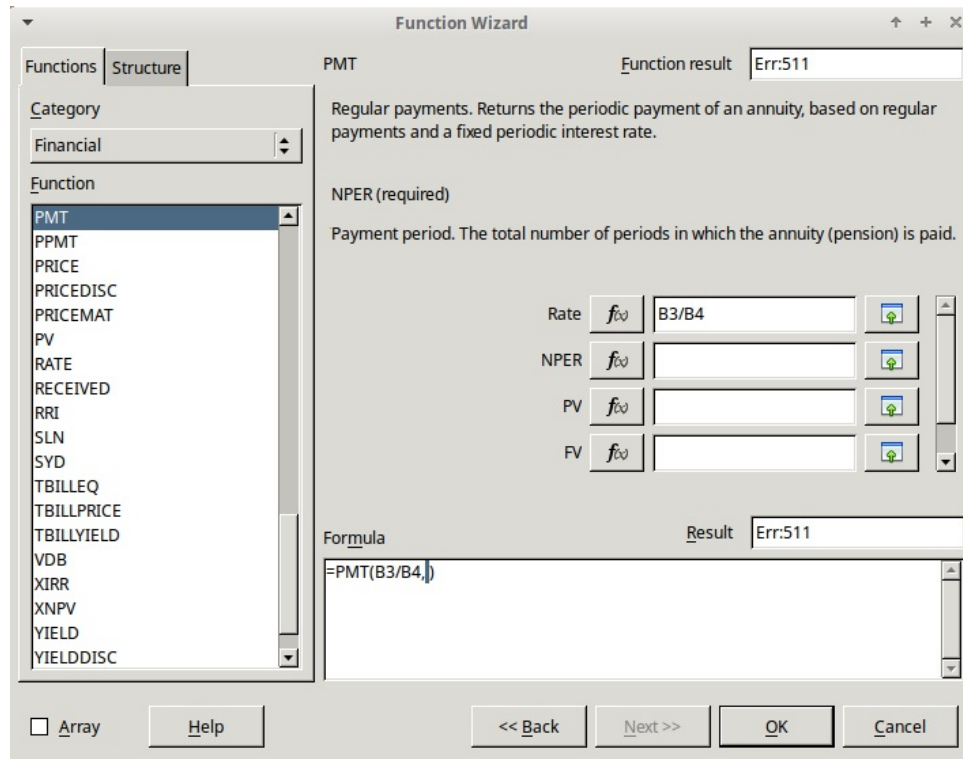
Step 1: click on the function wizzard. The window that opens is on the next page.



Clicking on this blank gives the instructions on what the computer is looking for.

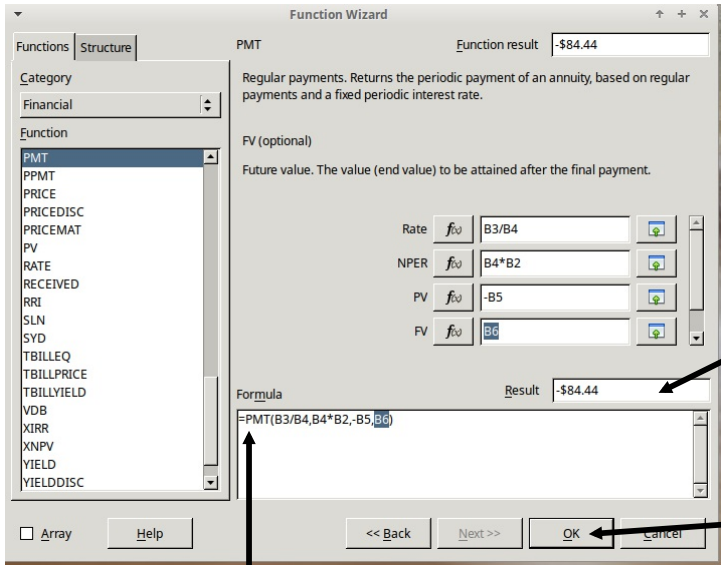
click on the cell B3. This is where the interest rate per period is entered.  $i = r/m$

goto the next slide for more info.



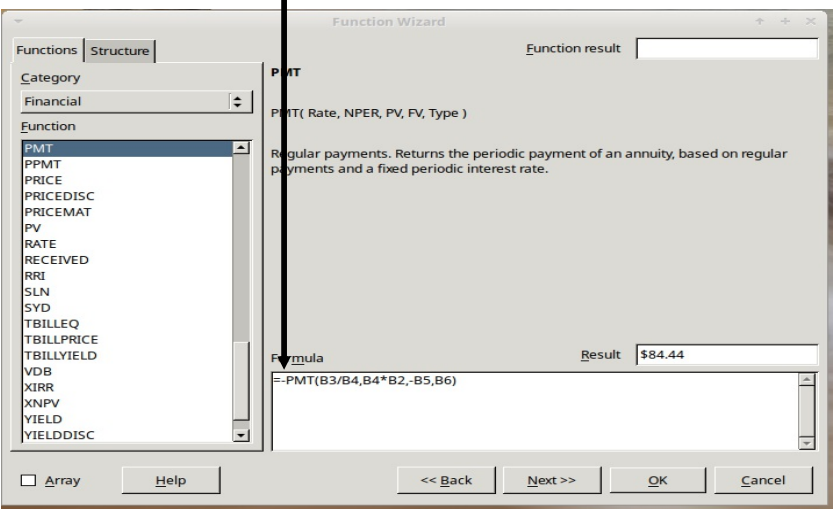
Now click on the next blanks and input the necessary information.

see next slide.



Notice that this region shows the result. The negative is showing the direction of the money flow. We want this number positive, so add a negative sign at the start of the formula and then press ok.

add negative sign before the pmt.



final results.

The screenshot shows the LibreOffice Calc interface with the following data in the spreadsheet:

	A	B	C	D	E	F	G
1							
2	time(years)	12					
3	r%	3.00%					
4	Compounded	4					
5	Present value	100					
6	future value	5000					
7							
8	payment	\$84.44					
9							
10							
11							
12							
13							

The formula bar for cell B8 displays:  $=PMT(B3/B4,B4*B2,-B5,B6)$

The status bar at the bottom indicates: Sheet 1 of 1 | Default | Sum=\$84.44 | 100%