

VBA for Excel

Exercises sheet N°1 - Inputs and outputs

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1. Write a macro that asks the user to enter an integer into a dialog box, and then displays this integer into another dialog box.
2. Write a macro that requests the user to enter two integers into two dialog boxes, and then displays the sum of these two values into another dialogue box.
3. Write a macro, called “welcome”, that allows you:
 - a. to show on the screen the message “Welcome to this program?”
 - b. to enter the name of the user and stock it in a variable called “name”
 - c. to show on the screen the following message:

“Hello -user name-, VBA for finance is an interesting subject”
4. Write a macro that requests the input of 3 real numbers and then displays their product.
5. Write a macro that requests the user to enter a student’s (numeric) marks for: math, physics, biology, and then displays the average of theses marks into a message box (knowing that all subjects have a coefficient 1, except physics which has a coefficient 2).
6. Write a macro, called “vcap” that allows to enter the value of the initial capital (called “C₀”), an interest rate “i”, the number of periods “n”, and the to display the compound capitalized value “C_n”

Note: $C_n = C_0 * (1+i)^n$

7. Write a macro, called “Product” that allows you to show on the screen the product of two numbers entered via an input box (for exemple. 15.34 * 12.24) and then to display the following result:

