VBA for Excel

Exercises sheet N°3 – Repetitive structures and loops

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1. (*For loops*) Write a macro that displays integers from 1 to 10 included.

2. Write a macro that displays integers from 100 to 110 included

3. Write a macro that displays 10 times the following message: "Hello! "

4. Write a macro that displays: "Hello 1" then "Hello 2" ... until "Hello 10"

5. Write in two different ways a macro that displays the even numbers from 0 to 20 included.

6. Write a macro that displays integers from 20 to 10 included. Tip: go from 20 to 10 and use step -1.

7. Write the macro that displays odd numbers between 50 and 70.

8. Write a macro that asks the user to enter an integer and then displays the table of multiplication of this integer (the calculus and the result must be displayed).

9. Write a macro that displays integers from 1 to 10 included into range A1 to A10.

10. Write a macro that displays the message: "Hello! " into range A1 to A10.

11. Write a macro that displays: "Hello 1" then "Hello 2" ... until "Hello 10" into range A1 to A10.

12. Write a macro that displays integers from 100 to 110 included into range A1 to A11.

13. (*Do loops*) Write a program that asks the user to enter an integer on the keyboard, and continues to request indefinitely this entry until the user enters 0.

14. Write a program that asks the user to make an entry on the keyboard, and continues to request indefinitely this entry until the user enters “yes” or “no”.

15. Write a macro that asks the user to enter his account balance and displays “positive” or “overdrawn” according to the balance. This program must restart indefinitely unless the user enters 9999.

16. Write a macro that requests the user enter a 4-digit (integer) code and continues to request the entry of this code until the user enters the right code. The right code is 5555. The program displays a welcome message when the entered code the correct code and then displays the balance of the user’s bank account balance. Tip: Use a Do … Loop Until ... loop.

17. Write a macro that computes the capitalized value at a date "*n*", at the interest rate "*r*" of a sum of *n* annuities paid at the end of the period, and starting at date 1 (the annuities are constant).