# C++ Tasks 2

These tasks cover flow control, operator precedence

1: Output all the integers from 0 to 13 using:

* For
* While
* Do while
* For ( ; ; ) and the *break* command

2: Output all the integers from 53 to 41 in *descending* order using:

* For
* While
* Do while
* For ( ; ; ) and the *break* command

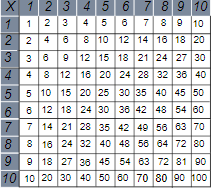
3: Count to 100, output the values in Binary, HEX and Decimal

4: Output all the integers between two user entered values

5: Read 10 numbers from the user, display the total and average

6: Allow the user to enter a number, show all natural numbers and their cubes, in which the cube is less than the number entered. E.g. I enter 130, you show all cubes up to 5 (5 cubed is 125)

7: Show multiplication tables up to 13:



8: Display a pyramid of numbers:

1  
 2 3  
 4 5 6  
 7 8 9 10

9: User enters number, calculate factorial.

10: Display the first n numbers of the Fibbonacci series

11: Display a pyramid of numbers:

1  
 121  
 12321  
 1234321  
 123454321

12: Reverse the numbers entered by user. E.g. I enter 2,4,6,8,10,12 you reply 12, 10, 8, 6, 4, 2

13: using a loop, show all the characters of the alphabet

14: print the sequence:

1.0  
1.1  
1.2  
1.3  
…[keep going]  
1.9  
2.0  
2.1  
…[keep going]  
3.8  
3.9

15: Create the pattern:

# # # #  
 # # #   
# # # #

For a user defined x and y (e.g. 10, 10 is 10 rows 10 columns)

16: User enters an integer 1 – 12, display a calendar for that month in the current year

