

EXERCISE 1

- Input a number.
- Display numbers from 1 to that number, in decreasing order

INPUT	OUTPUT
4	4 3 2 1
2	2 1
1	1
0	

Q1: Draw the structure of your algorithm:

- Main loop
- Main conditions
- Use black boxes for all the treatments (*don't put the details of the treatments*)

Q2: Write your code to solve the instructions.

Q3: Create and fill up your execution table.

Step	Variable 1	Variable 2	Variable 3
1			
2			
...			

Q4: Present your solution, in a group of 3.

- Why did you choose this structure and why?
- Pass the code between each member of the group and try to improve it.

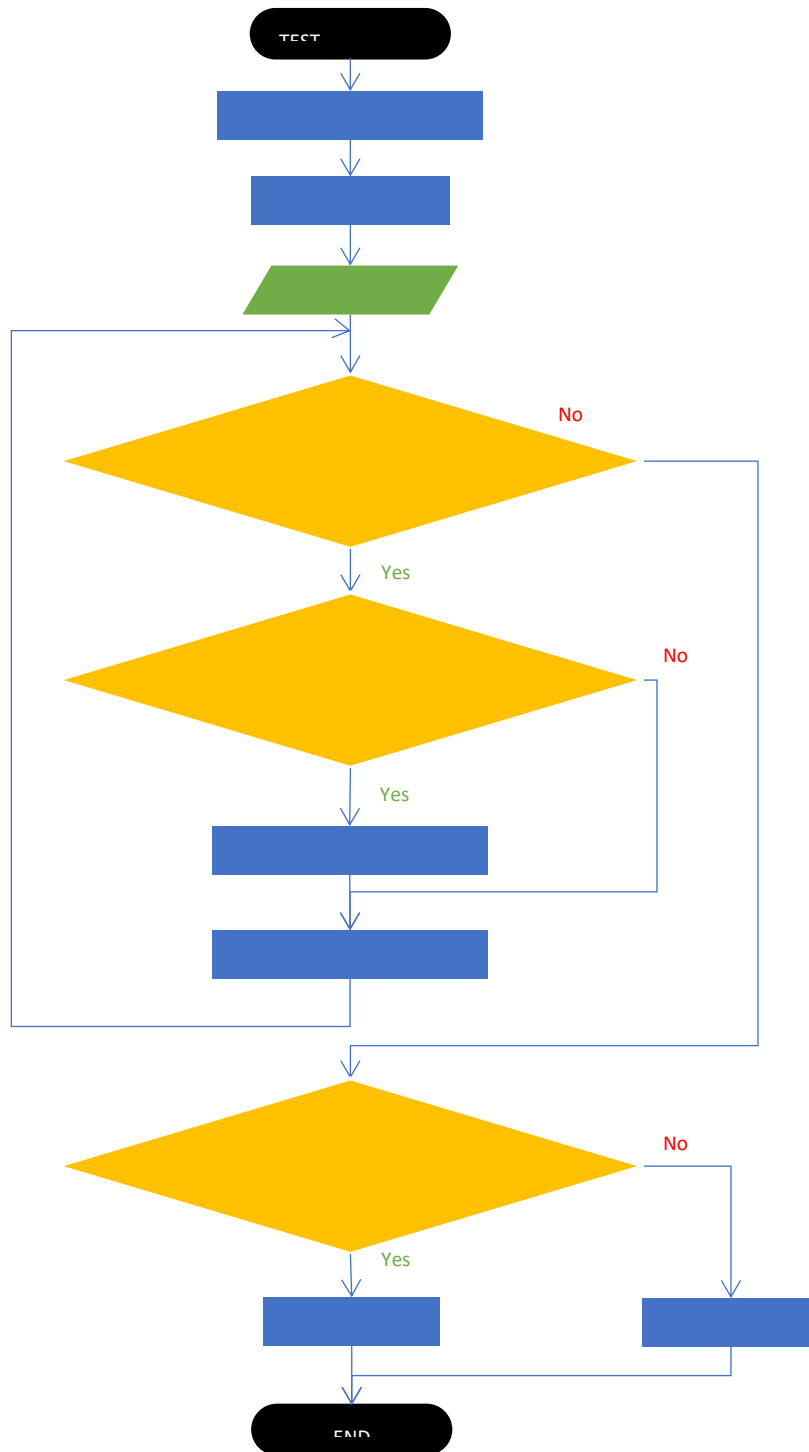
EXERCISE 2

- Check if input text contains the word "Rady".
- "Yes" if the input text contain the word "Rady".
- "No" if not

Q1: What will be the **result** for these outputs?

Input	Output
Hello Rady! How are you?	YES
Hi Rady. How old are you?	YES
Where is rady?	
Hi Ronan.	
Hello, my name is Raly the best.	

Q2: By using the following structure, fill up the gap and the black boxes to create a functionable flowchart.



Q3: Fill up your execution table.

Step	Variable 1	Variable 2	Variable 3
1			
2			
...			