

# LABWORK RULES

- Labwork ends at 18.50.
- **Name of your file should be in the format: labwork4\_name\_surname.c**
  - Name: is your own name
  - Surname: is your own surname
  - Example: labwork4\_name\_surname.c
  - If you do not know how to create a c file, please look at “how to run your code” file
- **Your file should be on the desktop**
- **At 18.50**, we collect your works from your desktop. Do not turn off your computer until you are told to do so...
- You will not have an internet connection until we collect your works. When the access is permitted, submit your work on coadsys.
- The work we collect and you submitted on coadsys should be exactly the same.
- Read your labwork documents carefully and listen to the explanation of your assistant.
- There can be restrictions on your labwork, obey them if you want to get a full grade.
- If you did not understand the labwork or there is an unclear point, do not make assumptions and ask your assistant immediately.
- There will be some example input and output for each labwork. Do not write a program that only runs for the given example input. Be sure you understand the question well.

## FORBIDDEN

- Talking with your friends
- Looking at your friend's monitor
- Using any mobile phone or smart devices
- Books, notebooks, papers or notes
- Usb or any kind of device that is used to share information
- Internet

# LABWORK 4

In this program you are going to find the letters in a given string and copy them to another string recursively.

- **Function 1:**
  - **Name of the function:** is\_letter
  - **Return type of the function:** int
  - **1. Parameter:** char
  - Checks if the character is a letter.
- **Function 2:**
  - **Name of the function:** letters
  - **Return type of the function:** void
  - **1. Parameter:** Pointer to the destination string
  - **2. Parameter:** Pointer to the source string
  - This function will copy the letters from the source string to another string. Use recursion, do not use loop structures.
- **Main function:**
  - Write a main function to test your code, you do not need to take values from the user. You can manually create your array.

## Example Output:

Input string : "mx90456453abxxx cxd,,, fxxxxx xgx xxx"

```
mx90456453abxxx cxd,,, fxxxxx xgx xxx ---  
mx90456453abxxx cxd,,, fxxxxx xgx xxx --- mxbxxxcxdfxxxxxxgx xxx
```