

## Lab 6 Using disk files

- Useful functions:
  - [https://www.tutorialspoint.com/c\\_standard\\_library/c\\_function\\_getc.htm](https://www.tutorialspoint.com/c_standard_library/c_function_getc.htm)
  - <https://www.programiz.com/c-programming/library-function/ctype.h/tolower>
  - [https://www.tutorialspoint.com/c\\_standard\\_library/c\\_function\\_ftell.htm](https://www.tutorialspoint.com/c_standard_library/c_function_ftell.htm)
  - <https://www.programiz.com/c-programming/c-file-input-output>

### Tasks

1. Write the 5 given numbers into a file and then read them. **2pt**
2. Write the string given from the keyboard in the file. **2pt**
3. Copy the contents of one file to another. You can use the fputc() function, which places character by character in the indicated file by reading it in advance from the input file, or the fgets() function **3pt**
4. Count how many characters are in the file, use the fseek() and ftell() functions **3pt**
5. Load the contents of a text file, make calculations on how many times which letter repeats in it. Use fgetc() **4pt**