

Assignment 3

Disclaimer: Submit your assignment in the form of a .zip / .rar file which contains C files as well as screenshots of commands used.

Deadline: Sunday, March 31st 2024.

- 1) Create a C program that will take input from the user and write it in a file named "assignment3.txt". In case the file does not exist, generate it. Also provide read/write permissions to all three user groups.

```
vboxuser@Ubuntu:~/Desktop$ ./hello Sarajevo Mostar Bihac Tuzla
```

Expected output:



- 2) Write a C program where we will deal with four child processes and a parent. All of the processes will write content into a file named "processes.txt". In case it does not exist, generate it. The first child will write "Cat", the second child "Dog", the third child "Bird" and the fourth child "Lion". The parent process should write "Caracal" and close the file. (Recap: **Lab 4**)