Technical University of Moldova

CIM Faculty

Report

Windows Programming  
Laboratory work #1

Done by: student, gr. FAF-111

Name Surname

Verified by: assistant lecturer

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## Tasks and Points

|  |  |
| --- | --- |
| Points | Task |
| 0 | Create a Windows application |
| 0 | Choose Programming Style Guidelines that you'll follow |
| 0 | Add 2 buttons to window |
| 0 | Add 2 text inputs to window |
| 0 | Add 2 text elements to window |
| 2 | Make elements to interact or change other elements (4 interactions) |
| 1 | Change behavior of different window actions (3 changes) |
| 1 | Submitting laboratory work before deadline day |
| 1 | Following clear and nice code style |
| 1 | Working on laboratory work using GIT and using as remote repository provided github repo |
| 1 | Active member of Enlightenment |
| 7 | Total |

## Replace this part with your contents

This template is ONLY FOR **RED PILL**. Paste in here text from formatted readme.

Easy way to do it is (I used MS Office):

1. Count your points (take in account [Grading Policy](https://github.com/TUM-FAF/WP/wiki/Grading-Policy))
2. Push changes to GitHub
3. Open README.md in browser
4. Copy file contents
5. Paste in here
6. Save
7. Export to PDF
8. Send

For example that’s text from [this](https://github.com/TUM-FAF/WP/wiki/Blue-Pill) page. Do not forget to add a link to your readme file.

*First one to provide an automated method to generate such kind of reports will get 2-5 points. Fewer steps will have your solution, more points you’ll get. An ideal solution may have 1 input box and 1 button in order to do everything.*

**Laboratory work #1**

**Window Handling**

**Purpose**

Gain knowledge about basics of event-driven programming, understanding of window’s class and basic possibilities of Win32 API. Also she will try to understand and process OS messages.

**Mandatory Objectives**

* Create a Windows application. It should have in middle following text: "Done with Pride and Prejudice by *student name*". Replace *student name* with your name.
* On windows resize, text should reflow and be in window's middle (vertically and horizontally)

**Objectives with Points**

* Limit minimal window width and height in order to keep text visible always **(1pt)**
* Change behavior of different window actions (at least 3). For ex.: on clicking close button, move window to a random location on display working space. **(1pt)**