

FACULTY OF COMPUTERS, INFORMATICS AND MICROELECTRONICS  
TECHNICAL UNIVERSITY OF MOLDOVA

## WINDOWS PROGRAMMING

LABORATORY WORK # 1

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# Window. Window handling. Basic windows form elements

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# 1 Introduction

## 1.1 Topic

Window. Window handling. Basic windows form elements

## 1.2 Task

- Create a Windows application
- In the middle of the window should be present the 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)
- Add 2 buttons to window: one with default styles, one with custom styles (size, background, text color, font family/size)
- Add 2 text elements to window: one with default styles, one with custom styles (size, background, text color, font family/size)
- Make elements to interact or change other elements (2 different interactions) (ex. on button click, change text element color or position)
- 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

## 2 Results

### 2.1 Background Changing

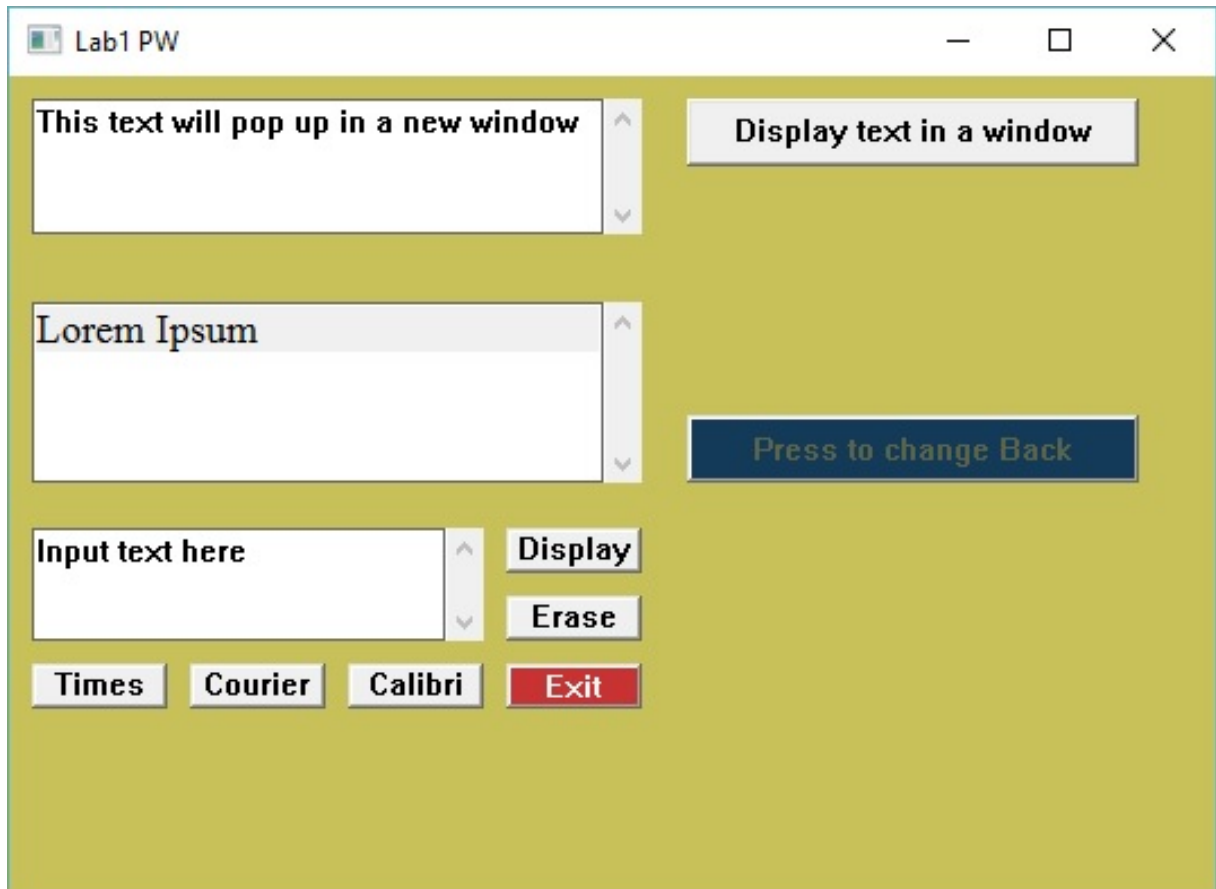


Fig. 1 Yellow background

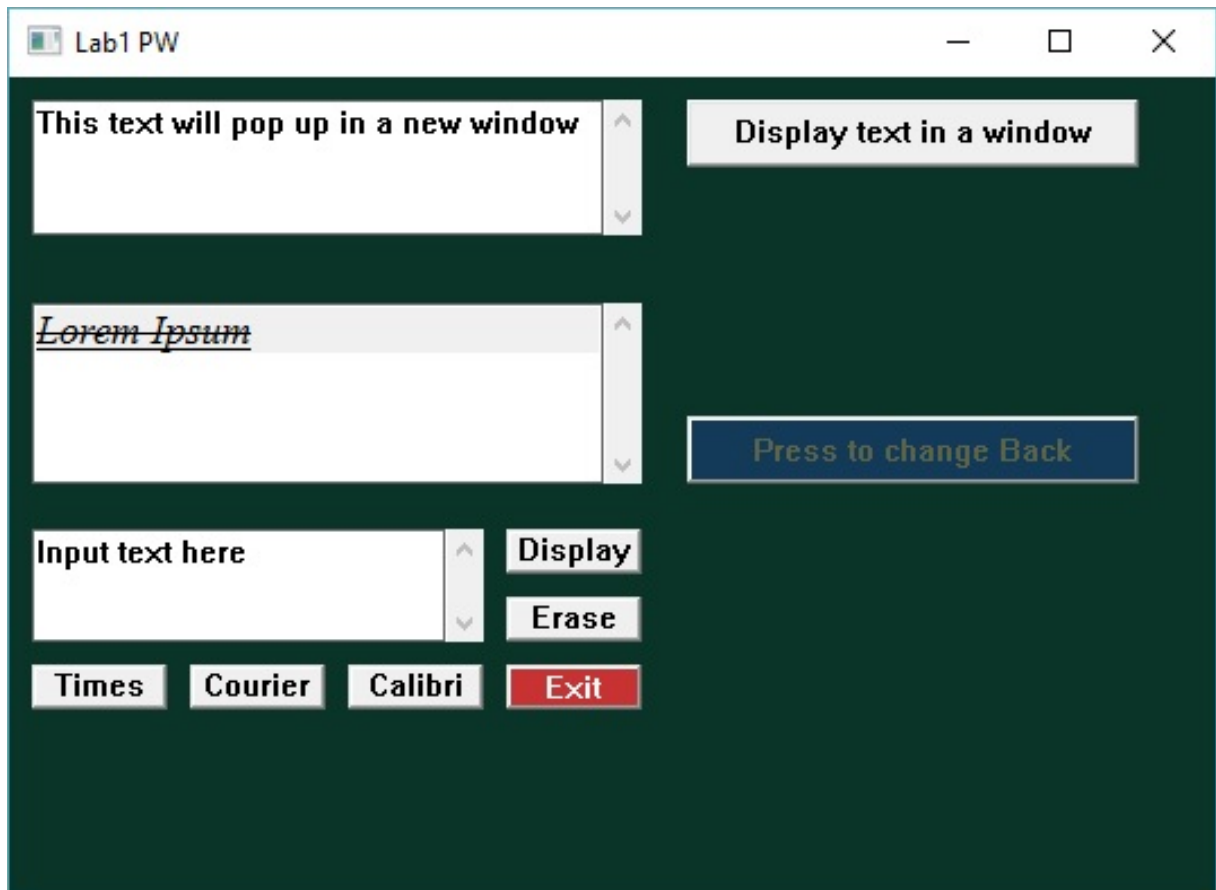


Fig. 2 Blue background

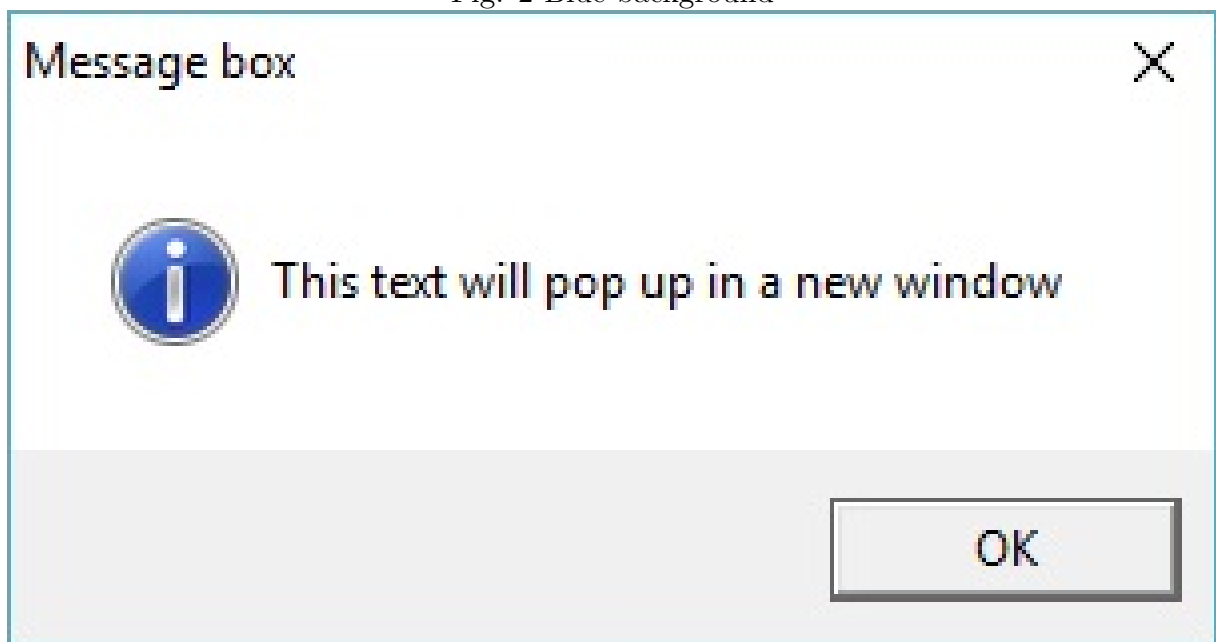


Fig. 3 PopUp Window

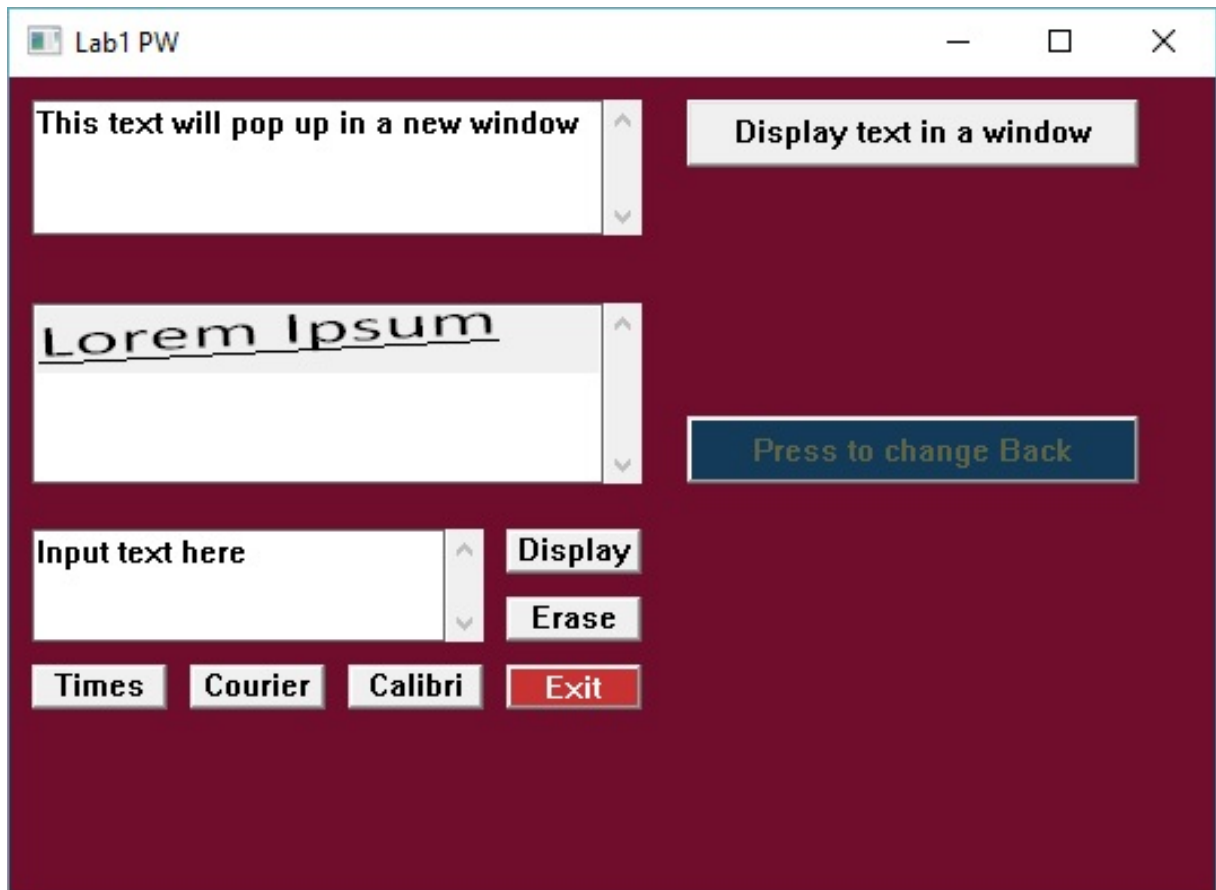


Fig.4 Font Changing

### 3 Conclusion

For this laboratory work we made our basic window program with few buttons that apply to different functions for manipulating with the input from the keyboard. As you can see in the screenshots, there are several buttons that allows us to make different changes in our window, for font : "Times, Courier,Calibri", for Display and erase of some text and others. This code is made by Mihai Vlas but took a bit part from his colleagues because of lack of time in this semester. He feels very sorry and will improve his attitude just like his grades in the 3rd year. No more volunteering, just writing a lot of code