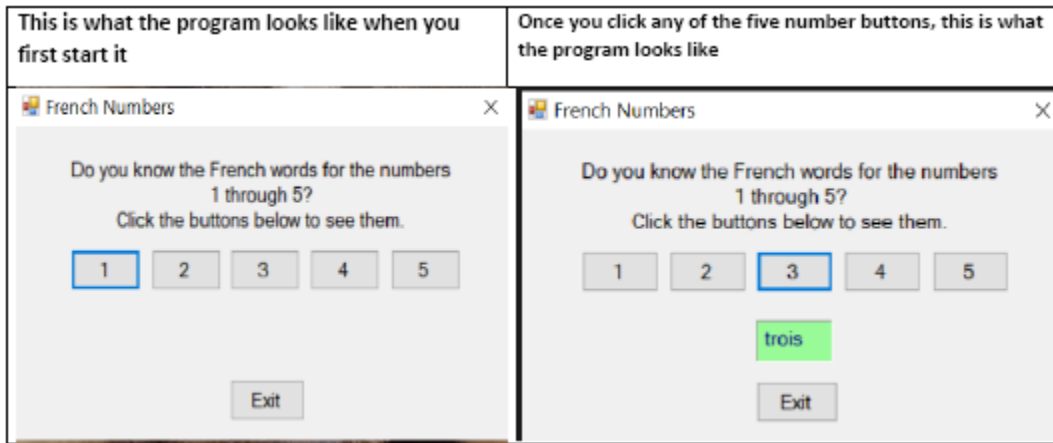


Assignment P1: First GUI Development Project – 50 Points for this assignment (possible 5 point bonus)

Due: Monday 2/5 by midnight

This assignment will be the creation of your first functional GUI-based app.

You may choose whether to develop your application in VS/VB or in Python/Tkinter. I do not recommend PAGE for this initial Tkinter work, but if you decide to try it, that is your option.



Here are suggested object/widget names and related events. Note that the program should start with no word displayed in the lblFrench label object.

Object (Name)	Object Text	Location	Event
frmNumbers	French Numbers	Can you pop it up center screen?	<i>Load</i> lblFrench invisible
btnOne – btnFive	See screenshot	Aligned on the Y coordinate	<i>Click</i> lblFrench now visible lblFrench Text shows
lblInstructions	See screenshot		
lblFrench	<i>No Text for this</i> <i>Font color and background color your choice</i>	Aligned with X coordinate of btnThree	French numbers are un deux trois quatre cinq
btnExit	Exit		<i>Click</i> Close Form

Bonus work: I will award a 5 point bonus if the main window does not have a minimize & maximize buttons (as shown above).

Create a README Markdown file for Assignment P1, including Project name and student name, development tools used, and any issues you encountered in development (none is a possible answer).

Submit your VB project files or Python files for your application, along with your README in a GitHub repo. Provide the GitHub repo link as a comment or as content in a text file.

Project grading rubric:

- 5 points – README as requested above
- 20 points – All objects requested represented in code and visually on GUI
- 15 points – GUI should run as requested in development environment (VB or Python) – all events should occur as requested
- 10 points – Cleanly formatted code with comments. This should include a header block containing student, project, and class names. Comments for functions/methods/classes, comments for key actions or any statements that may not be obvious in their function. Use descriptive variable names.
- 5 point bonus – removing minimize and maximize buttons from primary form window

Note: Always cite what you write! If you get code or content from somewhere you must include at least a URL or other source identification. You must understand all the code you turn in. It is plagiarism (academic dishonesty) to use code or content, in part or in whole, written by other people without proper attribution. Failure to do so will result in a 0 on the assignment and may result in an academic misconduct report.

See Bruce for questions.