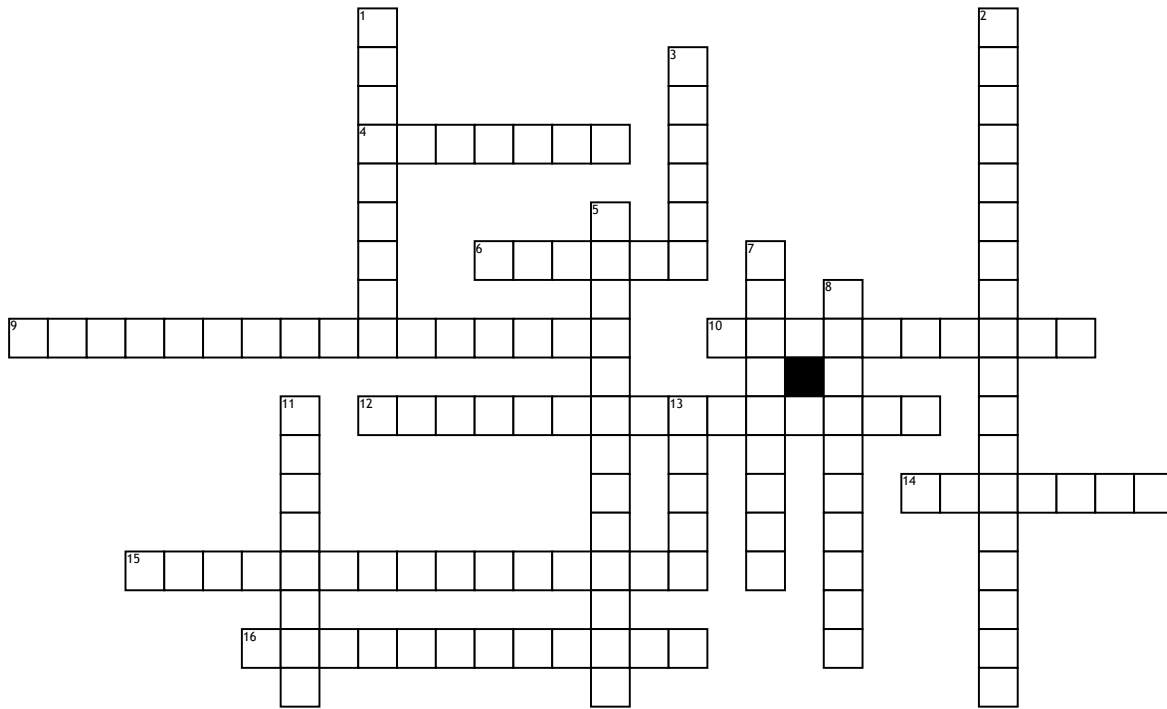# LabVIEW Vocabulary Crossword

Across

4. _____, is a system-design platform and development environment for a visual programming language from National Instruments. The graphical language is named "G"; not to be confused with G-code.

6. For Loops have auto-index output tunnels, which automatically create _____ of data at the tunnel.

9. Similar to a toolbox; contains VIs, functions, constants

10. The _____ window is the user interface for the VI

12. When placing a new function, control, indicator, or constant, the _____ feature wires the terminals together if placed within close enough proximity.

14. The _____ data structure can be compared to a purse or wallet because a purse or wallet can hold many different things just as this data structure can hold multiple data types.

15. Contains the controls and indicators you use to create the front panel.

16. Include terminals, subVIs, functions, constants, structures, and wires, which transfer data.

Down

1. A _____ allows a VI to run until a certain condition is met, such as pressing a Stop button on the front panel.

2. LabVIEW programs are called _____, or VIs, because their appearance and operation often imitate physical instruments, such as oscilloscopes and multimeters.

3. Subroutine call statement that you can create and reuse.

5. Being able to execute code based on a particular condition allows for logic to be built into a program. In LabVIEW, this is accomplished using a _____.

7. Entry and exit ports that exchange information between the front panel and block diagram.

8. Output devices that display data to the users.

11. Input devices like knobs, push buttons, dials, sliders, and strings.

13. To switch between the front panel and block diagram, select Window»Show Block Diagram/Front Panel, or simply press _____.