

# SAMPLE SELECTION

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In LabVIEW terminology, a \_\_\_\_\_ is any device that can run a VI.

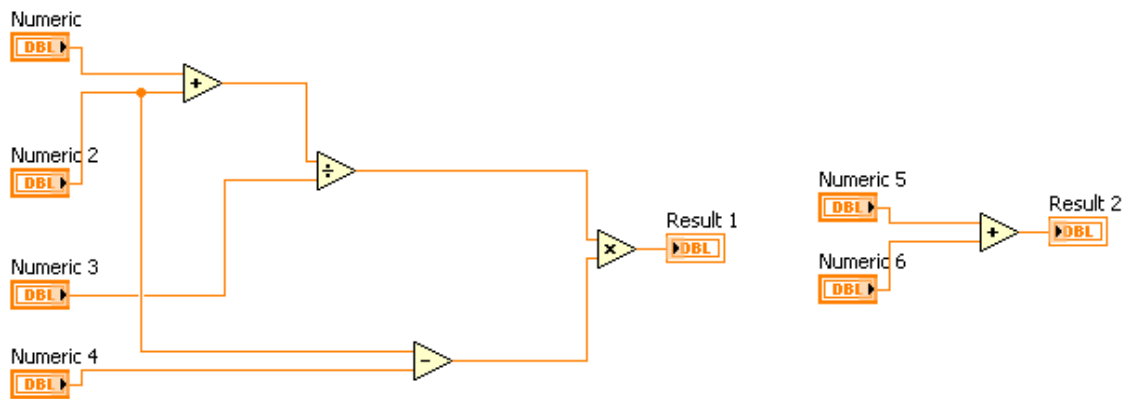
True or False: Boolean controls and indicators represent only a True or False status.

True or False: All LabVIEW VIs must be created within a LabVIEW project or it will be impossible to edit them after the first save.

Highlight execution allows the user to:

- a. Follow and track the flow of data on their block diagram.
- b. Debug the source of delays and other errors in their code.
- c. See which VIs are executed first in parallel processes.
- d. All of the above
- e. A only
- f. Both A & B

True or False: Result 1 will be displayed before Result 2.



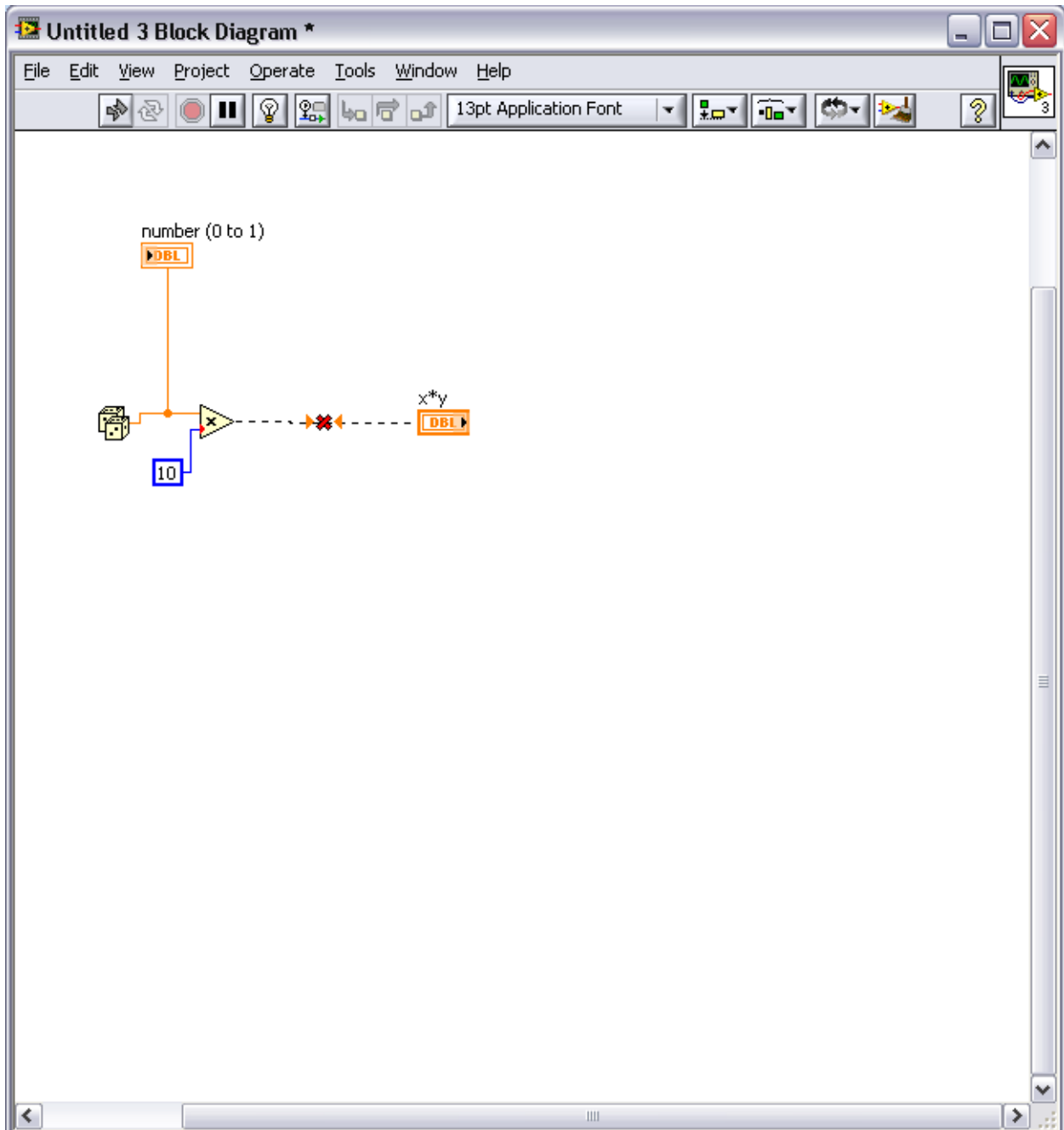


Complete the following sentences.

The above icons are examples of \_\_\_\_\_ controls and indicators. The \_\_\_\_\_ and \_\_\_\_\_ are controls and the \_\_\_\_\_ is an indicator. This data type has \_\_\_\_\_ parts.

The above VI no longer works, and has a broken run arrow. It worked at one time, but would take close to 100% of the computer's resources when running. A general approach to debugging and fixing this VI would be to first \_\_\_\_\_, followed by clicking the \_\_\_\_\_. With that knowledge it should be possible to make changes and run the VI. Finally, in order to reduce the use of computer resources it would be beneficial to add a \_\_\_\_\_ function inside the while loop. It would also be good programming practice to replace the Boolean constant with a \_\_\_\_\_.





If you created this block diagram, what would be the two indications that there is a problem?

Based on this block diagram, identify the problem.

Why is it advantageous to use low-level VI's when writing to a file in a loop?

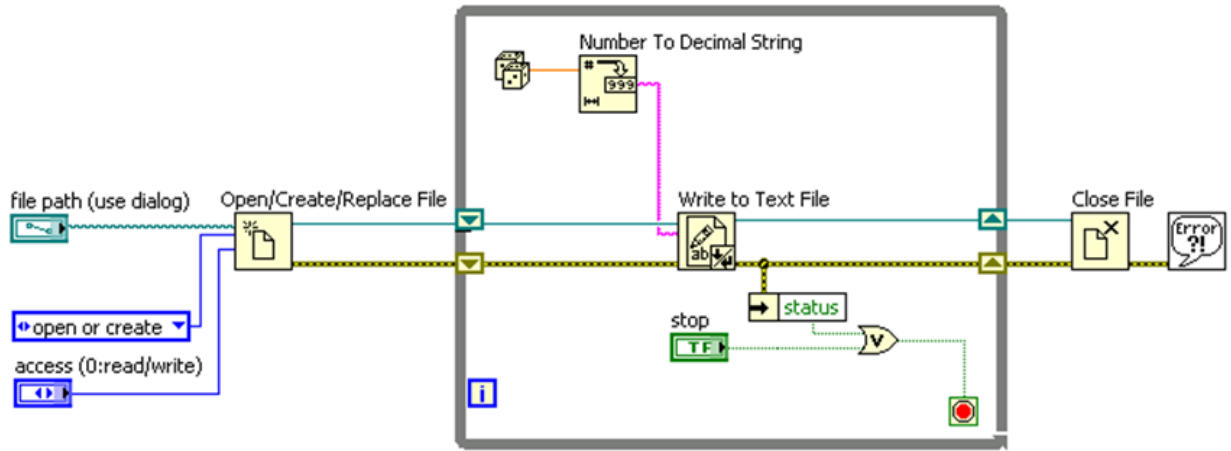


Figure 6-3. Disk Streaming Example

