

13. None of the above Which of the following statements is true about the iteration terminal

- a. It returns the number of times the loop has executed
- b. It returns the number of times the loop has executed, plus one
- c. It returns the number of times the loop has executed, minus one
- d. It returns a constant number

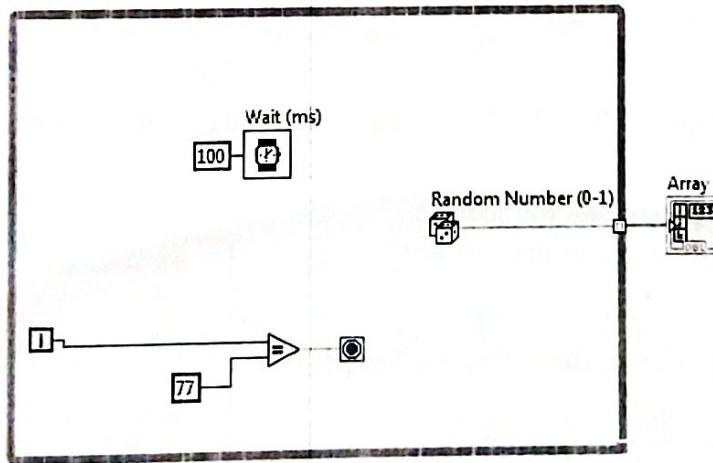
X

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14. To find a quick description of an object in the LabVIEW environment, simply turn on _____ by pressing _____ and hovering over the object.

- a. Detailed Help, Ctrl-I
- b. Context Help, Ctrl-U
- c. Context Help, Ctrl-H
- d. LabVIEW Help, Ctrl-Z

15. Which of the following statements is TRUE regarding the execution of the following code?



- a. The loop will iterate 77 times
- b. The loop will iterate 78 times
- c. The loop will iterate 76 times
- e. none of above

أتمنى لكم التوفيق

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Date : 8/3/2022

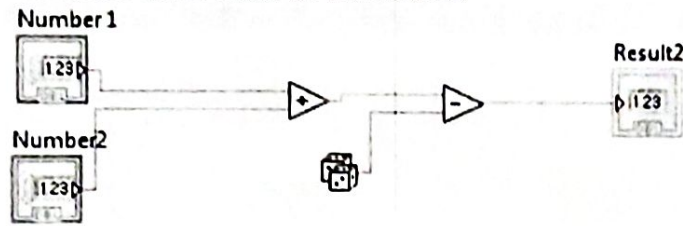
Midterm Exam

Control Department Class: Six

LabView

Time 1 Hour

1. Which function executes first: Add or Subtract?



- a. Add
- b. Subtract
- c. Unknown

2. Which structure must run at least one time?

- a. While loop
- b. For loop

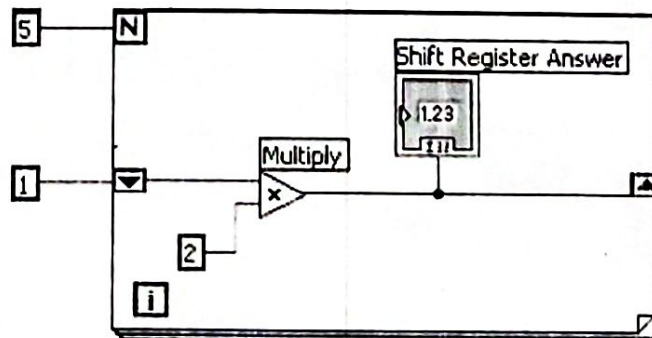
3. Which color represents an integer data type ?

- a. Orange
- b. Green
- c. blue
- d. Pink

4. A coercion dot indicates that:

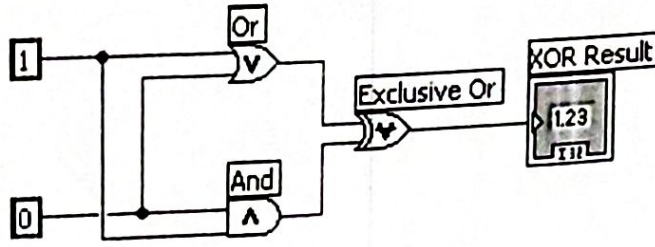
- a. The data types are consistent
- b. A polymorphic operation will be performed on the data
- c. A data buffer is created to handle data conversion
- d. Data values are being coerced because they are out of range

5. What is the value in Shift Register Answer after the following code has executed?



- ~~a. 16~~
- b. 24
- c. 32
- d. 10

9. What is the value in XOR Result after the following code has executed?

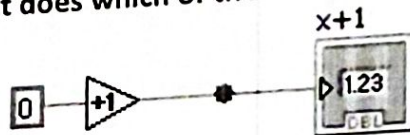


- a. 0
- b. 1
- c. True
- d. False

10. The Wait function can be added to While Loops:

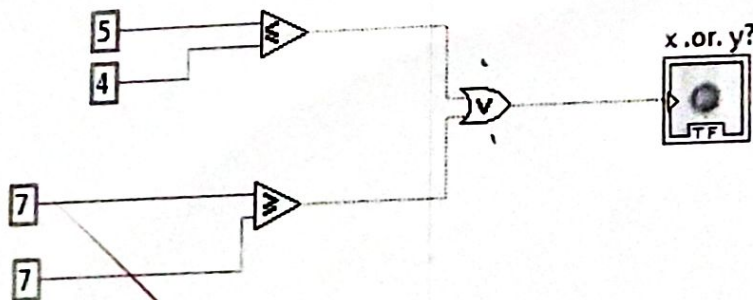
- a. To free up available memory.
- b. To allocate memory used by the CPU.
- c. To allow the processor time to complete other tasks.
- d. To reserve which processor the code is running on.

11. The following breakpoint does which of the following:



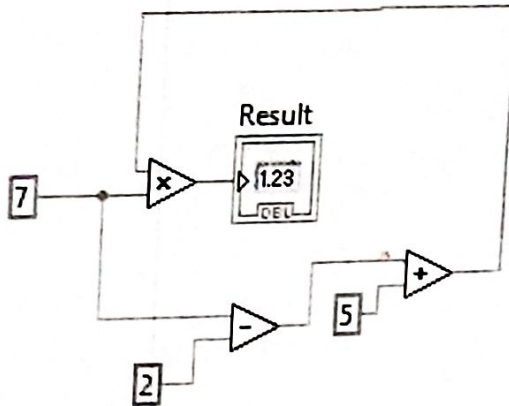
- a. Causes the VI to abort
- b. Causes the VI to pause
- c. Causes the VI to single step over the addition
- d. Causes the VI to single step over the indicator

12. What is the result of the following Program?



- a. The led will turn off
- b. The led will turn on
- c. The LED will turn on and off

6. In the figure below, what will Result equal when this calculation is executed?

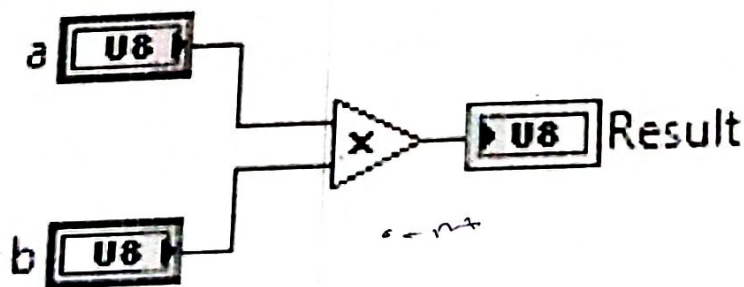


- a. 55
- b. 70
- c. 65
- d. Indeterminate

7. In what instance would you use the Probe tool rather than Highlight Execution?

- a. To see the flow of data
- b. To see the value of a wire in real-time
- c. To look into a SubVI, as the process is running
- d. To slowdown the VI and show data values in wires

8. If the value in a is 2 and b is 128, what value does the Result indicator display after the VI executes?



- a. -128
- b. 0
- c. 255
- d. 256
- e. none of above