

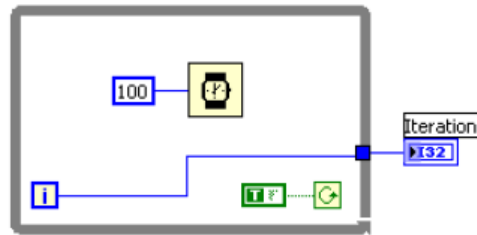
**1. Can a wire be used to pass data between loops that are intended to run in parallel?**

- a. Yes
- b. No

**2. 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

**3. Which of the followings statements is true about the following block diagram?**

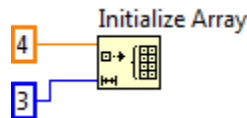


- a. The loop will execute once and the iteration terminal, **1**, will output a value of one
- b. The loop will execute once and the iteration terminal, **1**, will output a value of zero
- c. The loop will execute infinitely and the program will have to be aborted
- d. The loop will not execute and the iteration terminal, **1**, will output return a null value

**4. Which of the following terminals controls how many times a For loop executes?**

- a. **1**
- b. **1**
- c. **N**

**5. What is the output of the Initialize Array function after the following code has executed?**

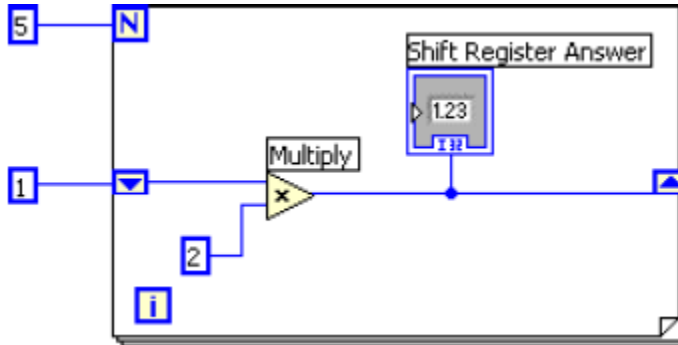


- a. 1-D Array of {3, 3, 3, 3}
- b. 1-D Array of {4, 4, 4}
- c. 1-D Array of {3, 4}
- d. 1-D Array of {4, 3}

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

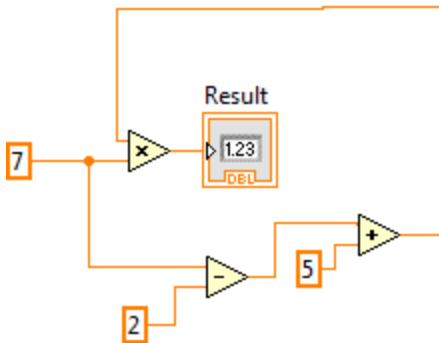
- a. To see the flow of data
- b. To see the value of a wire in real-time
- c. To look into a SubVI, as the process is running
- d. To slowdown the VI and show data values in wires

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



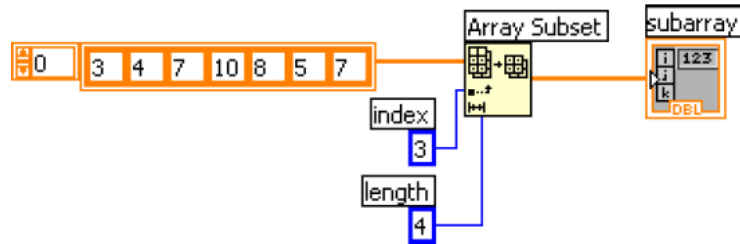
- a. 16
- b. 24
- c. 32
- d. 10

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



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

9. What is the result in subarray after the following code has executed?



- a. A 1-D Array of {8, 5, 7}
- b. A 1-D Array of {10, 8, 5}
- c. A 1-D Array of {10, 8, 5, 7}
- d. A 1-D Array of {7, 10, 8, 5}

10. In the figure below, the output of Array Size is



- a. a 1-D Array of {2, 3}
- b. a 1-D Array of {3, 2}
- c. 2
- d. None of the above

“Best Wishes”