Data Structures

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| **Index** | **1** | **2** | **3** | **4** | **5** | **6** |
| **Value** | Ben | Susan | Polly | Steven | Jamie | Victoria |

1. Which value would names[3] return from the names array shown above? (1)

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2. Write the pseudocode to access the value “Victoria” from the names array shown above. (1)

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3. Write the pseudocode to create the names array shown above. (2)

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| **Index** | **1** | **2** | **3** | **4** | **5** | **6** |
| **Value** | 87 | 16 | 58 | 29 | 93 | 73 |

4. Which value would sales[2] return from the sales array shown above? (1)

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5. Write the pseudocode to access the value 29 from the sales array shown above. (1)

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6. Write the pseudocode to create the sales array shown above. (2)

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7. Write the pseudocode to cycle through and output each value in the names array. (2)

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8. Write the pseudocode to create an empty array called students with 25 elements. (1)

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