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| **CPSC 165** | **QUEUE array implementation-**  **Written Assignment #1** | **Due: 6/24/2016** |

Fill in the blanks below after each QUEUE operation. NOTE: FRONT and REAR are initialized to zero (0).

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| 1. ADD 50 | Resulting QUEUE: (show all values) |
| Value of FRONT:  Value of REAR: | |  |  |  |  |  | | --- | --- | --- | --- | --- | | QUEUE [0] | | [1] | [2] | [3] | |  |  |  |  |  | |
| 1. ADD 80 | Resulting QUEUE: (show all values) |
| Value of FRONT:  Value of REAR: | |  |  |  |  |  | | --- | --- | --- | --- | --- | | QUEUE [0] | | [1] | [2] | [3] | |  |  |  |  |  | |
| 1. REMOVE | Resulting QUEUE: (show all values) |
| Value of FRONT:  Value of REAR: | |  |  |  |  |  | | --- | --- | --- | --- | --- | | QUEUE [0] | | [1] | [2] | [3] | |  |  |  |  |  | |
| 1. ADD 13 | Resulting QUEUE: (show all values) |
| Value of FRONT:  Value of REAR: | |  |  |  |  |  | | --- | --- | --- | --- | --- | | QUEUE [0] | | [1] | [2] | [3] | |  |  |  |  |  | |
| 1. ADD 22 | Resulting QUEUE: (show all values) |
| Value of FRONT:  Value of REAR: | |  |  |  |  |  | | --- | --- | --- | --- | --- | | QUEUE [0] | | [1] | [2] | [3] | |  |  |  |  |  | |
| 1. ADD 33 | Resulting QUEUE: (show all values) |
| Value of FRONT:  Value of REAR: | |  |  |  |  |  | | --- | --- | --- | --- | --- | | QUEUE [0] | | [1] | [2] | [3] | |  |  |  |  |  | |
| 1. ADD 23 | Resulting QUEUE: (show all values) |
| Value of FRONT:  Value of REAR: | |  |  |  |  |  | | --- | --- | --- | --- | --- | | QUEUE [0] | | [1] | [2] | [3] | |  |  |  |  |  | |
| 1. REMOVE | Resulting QUEUE: (show all values) |
| Value of FRONT:  Value of REAR: | |  |  |  |  |  | | --- | --- | --- | --- | --- | | QUEUE [0] | | [1] | [2] | [3] | |  |  |  |  |  | |
| 1. REMOVE | Resulting QUEUE: (show all values) |
| Value of FRONT:  Value of REAR: | |  |  |  |  |  | | --- | --- | --- | --- | --- | | QUEUE [0] | | [1] | [2] | [3] | |  |  |  |  |  | |
| 1. REMOVE | Resulting QUEUE: (show all values) |
| Value of FRONT:  Value of REAR: | |  |  |  |  |  | | --- | --- | --- | --- | --- | | QUEUE [0] | | [1] | [2] | [3] | |  |  |  |  |  | |
| 1. ADD 17 | Resulting QUEUE: (show all values) |
| Value of FRONT:  Value of REAR: | |  |  |  |  |  | | --- | --- | --- | --- | --- | | QUEUE [0] | | [1] | [2] | [3] | |  |  |  |  |  | |
| 1. REMOVE | Resulting QUEUE: (show all values) |
| Value of FRONT:  Value of REAR: | |  |  |  |  |  | | --- | --- | --- | --- | --- | | QUEUE [0] | | [1] | [2] | [3] | |  |  |  |  |  | |
| 1. REMOVE | Resulting QUEUE: (show all values) |
| Value of FRONT:  Value of REAR: | |  |  |  |  |  | | --- | --- | --- | --- | --- | | QUEUE [0] | | [1] | [2] | [3] | |  |  |  |  |  | |
| 1. REMOVE | Resulting QUEUE: (show all values) |
| Value of FRONT:  Value of REAR: | |  |  |  |  |  | | --- | --- | --- | --- | --- | | QUEUE [0] | | [1] | [2] | [3] | |  |  |  |  |  | |
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