|  |  |  |
| --- | --- | --- |
| **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).

|  |  |
| --- | --- |
| 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] |
|  |  |  |  |  |

 |
|  |  |