|  |  |
| --- | --- |
| ArrayQueue | |
| Methods | Complexity |
| Enqueue() | O(1) |
| Dequeue() | O(1) |
| Front() | O(1) |
| Rear() | O(1) |
| Size() | O(1) |

|  |  |
| --- | --- |
| ArrayStack | |
| Methods | Complexity |
| Push() | O(1) |
| Pop() | O(1) |
| Peek() | O(1) |
| Size() | O(1) |

|  |  |
| --- | --- |
| LinkedList |  |
| Methods | Complexity |
| Add() | O(1) |
| Append() | O(n) |
| Insert() | O(n) |
| Remove() | O(n) |
| Search() | O(n) |
| Size() | O(n) |

|  |  |
| --- | --- |
| ListQueue | |
| Methods | Complexity |
| Enqueue() | O(n) |
| Dequeue() | O(n) |
| Front() | O(1) |
| Rear() | O(n) |
| Size() | O(n) |

|  |  |
| --- | --- |
| ListStack | |
| Methods | Complexity |
| Push() | O(n) |
| Pop() | O(n) |
| Peek() | O(n) |
| Size() | O(n) |