

Part 2

Write two differences between ArrayList and LinkedList.

ArrayList	LinkedList
<p>The search operation is faster in ArrayList compared to linked list $O(1)$.</p> <p>The insert and delete operation is slower in array list. $O(n)$ in worst case.</p>	<p>The search operation is slower in linked list. $O(n)$.</p> <p>Insert and delete operation is faster in linked list. $O(1)$.</p>
<p>It is implemented using a dynamic array to store elements.</p>	<p>It is implemented using a doubly linked list to store the elements.</p>