Fill in the table below with big O Notation (presuming worst case unless otherwise specified)

| Data Structure | Deletion | Insertion | Search |
| --- | --- | --- | --- |
| Sorted Array | O(n) | O(n) | O(logn) |
| Array | O(n) | O(n) | O(n) |
| Linked List (deletion anywhere, insertion anywhere) | O(1) | O(1) | O(n) |
| Binary Search Tree  (Average Case) | O(logn) | O(logn) | O(logn) |
| Binary Search Tree (Worst Case) | O(n) | O(n) | O(n) |
| Hash Table | O(n) | O(n) | O(n) |