Time Complexity

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | ResizableArrayBag | | | LinkedBag | | |
| union | intersection | difference | union | intersection | difference |
| Time complexity in the Best Case | O(1) | O(1) | O(1) | O(1) | O(1) | O(1) |
| Time complexity in the Worst Case | O(N) | O(N) | O(N^2) | O(N) | O(N) | O(N) |