* Comparison of time complexities of linear and Binary Search

Linear Search takes O(n) time to search a product in array in worst case

Binary Search takes O(log n ) time to search a product in array in worst case

Time complexities : Binary Search (O(log N)) < Linear Search (O(N))

* which Alogrithm is better and why **- Binary Search**

we can say that binary search is a better algorithm in terms of terms of timeComplexity . Binary Search is faster than Linear Search but need sorted search space for execution

**For Large dataSets** binary search is better