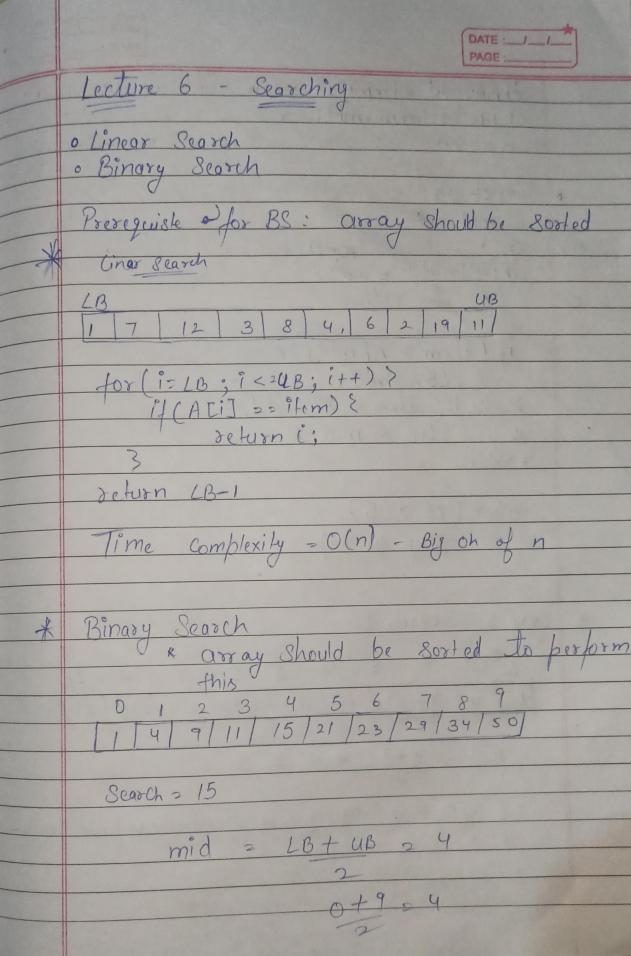
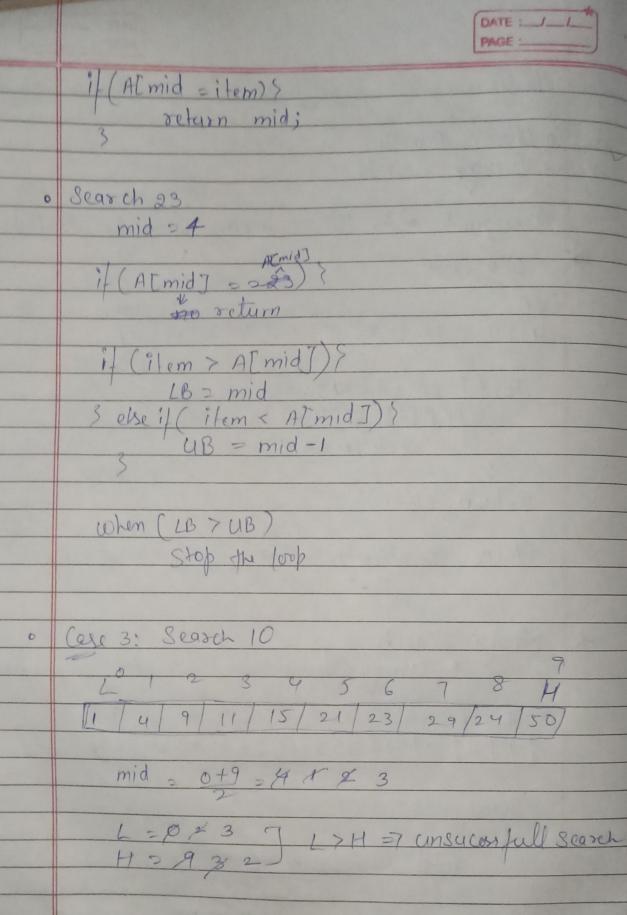


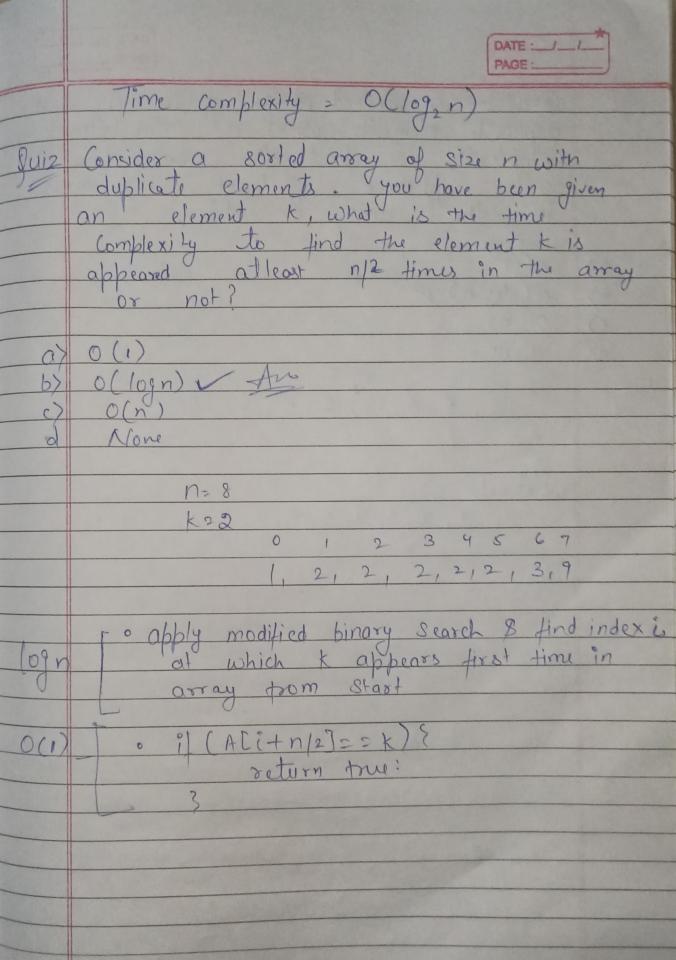
Juiz Lumber of Shifting of the element to insert a new element at starting index in an array of 100 elements 100 No. of shifting required to delate an element Consider an array A of n elements (nzi). In this array A, n inschion and n deletion are performed in arbitrary order what should be the best and worst case complexity of all operation on order? n isostion best care

n deletion

2 h operation - O(n) each operations o(n)
for 2n operations o(n2)







DATE :____

Consider a sorted array of Size n with duplicate elements. What is the time complexity to find that any element is appeared at least n/2 times in the array or not? O(logn) v 0 (n) None 2, 5, 5, 5, 5, 6, 10

> what if 1, 2, 3, 4, 5, 5, 5, 5