

Practical-1

Aim: Implement Linear Search and Binary Search using an array data structure.

Supplementary Experiment:

Implement Ternary Search Algorithm. It is a search algorithm that is used to find the position of a target value within a sorted array. It operates on the principle of dividing the array into three parts instead of two, as in binary search.

Program:

Output:

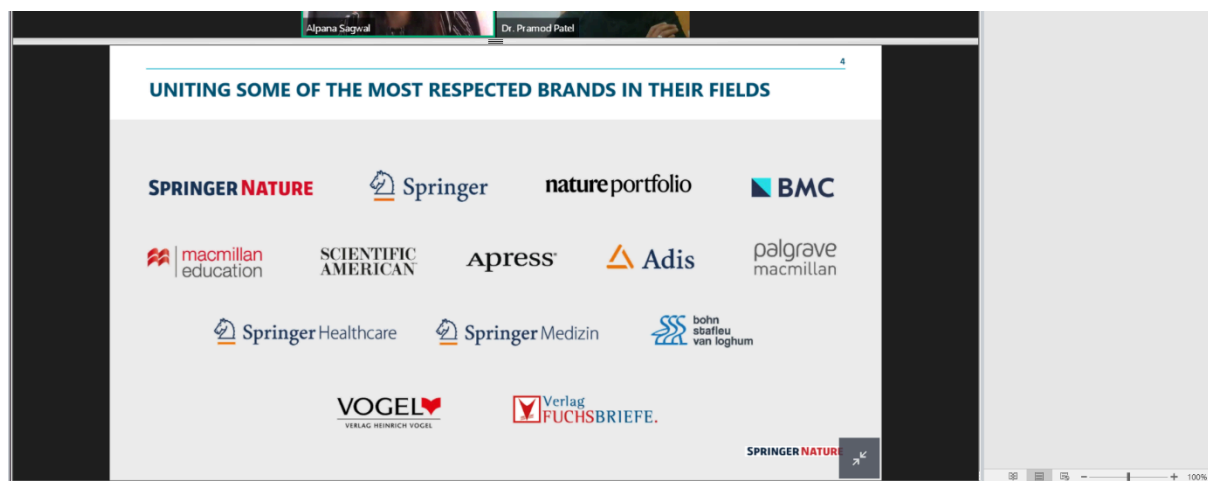


Fig.1: binary search

Conclusion: