**Aim:**

To search for a specific element in a **sorted** array efficiently using the Binary Search method.

**Algorithm for Binary Search:**

1. Initialize two pointers: low = 0, high = n - 1.
2. Find the middle element: mid = (low + high) / 2.
3. If the middle element is equal to the target element (key), return the position.
4. If the key is less than the middle element, search the left half by setting high = mid - 1.
5. If the key is greater than the middle element, search the right half by setting low = mid + 1.
6. Repeat steps 2-5 until low exceeds high.
7. If the element is not found, return -1.

**Sample Output:**

1. Enter number of elements (sorted array): 7
2. Enter 7 sorted elements:
3. 2 4 7 10 15 18 21
4. Enter element to search: 15
5. Element 15 found at position 5

