211443 - Fasina P K

1. Write a Binary search program to search the elements of the integer Array.

```
ch.java - Eclipse IDE
                                                                                                                                                                                   Q 🔡 🖏 🔞
                                                                                                         ☐ ☑ BinarySearch.java
        int mid;
if(end >= beg)
                                                                                                          Element is present at 5 position of array
                         mid = (beg + end)/2;
if(a[mid] == val) {
    return mid+1; } /* if the item to be searched is present at middle */
    /* if the item to be searched is smaller than middle, then it can only
subarrav */
   public static void main(String[] args) {
  int a[] = {8, 10, 22, 27, 37, 44, 49, 55, 69}; // given array
  int val = 37; // value to be searched
  int n = a.length; // size of array
  int res = binarySearch(a, 0, n-1, val); // Store result
  System.out.print("The elements of the array are: ");
  System.out.println();
  for (int i = 0; i < n; i++) {
    System.out.println("Element to be searched is: " + val);
  if (res == -1)
  System.out.println("Element is not present in the array");</pre>
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                     System.out.println("Element is not present in the array");
                    System.out.println("Element is present at " + res + " position of array");
}}
                                                                                                                                                 Activate Windows
```

2. Create a login page using the Bootstrap and also include the Typescript and ES6 features like Loops, If-else conditions.

