

LINEAR RECURSIVE SEARCH:-

```
✕ Output

ENTER I TEM TO BE SEARCHED>>>5
Element is not present in array

Process Finished.
>>>
```

```
✕ Output

ENTER I TEM TO BE SEARCHED>>>3
Element is present at index 1

Process Finished.
>>>
```

RECURSIVE BINARY SEARCH:-

```
✕ Output

ENTER ITEM TO BE SEARCHED >>>5
Element 5 is not present

Process Finished.
>>>
```

<div>Run code Save</div> <div>ADALAB1#4.c</div> <pre>1 #include<stdio.h> 2 3 /* Recursive function to search x in arr[l..r] */ 4 int recSearch(int arr[], int l, int r, int x) 5 { 6 if (r < l)</pre>	<pre>✕ Output ENTER ITEM TO BE SEARCHED >>>3 Element 3 is present at index 4 Process Finished. >>></pre>
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ITERATIVE GCD:-

```
✕ Output

ENTER A & B resp>>>108
>>>786
Euclid(108, 786) = 6

Process Finished.
>>>
```

RECURSIVE GCD :-

```
✕ Output

Enter two positive integers: >>>11
>>>22
G.C.D of 11 and 22 is 11.

Process Finished.
>>>
```