

```
11         else
12             return binarySearchRec(arr,mid+1,R,x);
13     }
14     return -1;
15 }
16 public static void main(String args[]) {
17     BinarySearchRec ob= new BinarySearchRec();
18     int arr[]= {2,3,4,10,40};
19     int n=arr.length;
20     int x=10;
21     int result = ob.binarySearchRec(arr,0,n-1,x);
22     if(result!=-1)
23         System.out.println("Element not present");
24     else
25         System.out.println(x+"found at index"+result);
26 }
27
28
29 }
30
31
32 }
```

<terminated> BinarySearchRec [Java Application] C:\Users\malak\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86\_64\_22.0.2.v20240802-1626\jre\bin\javaw.exe (Mar 11 10) found at index3