WAP for binary search using recursion

import java.util.Scanner;

public class Binarysearch {

static Scanner *s* = new Scanner(System.*in*);

public static int[] takeInput() {

int size = *s*.nextInt();

int arr[] = new int[size];

for (int i = 0; i < size; i++) {

arr[i] = *s*.nextInt();

}

return arr;

}

public static void main(String[] args) {

int[] input = *takeInput*();

int element = *s*.nextInt();

System.*out*.println(*binarySearch*(input, element));

}

public static int binarySearch(int input[], int element) {

// Write your code here

return *binarySearch*(input,0,input.length-1,element);

}

private static int binarySearch(int[] input, int si, int ei,int element) {

// TODO Auto-generated method stub

if (ei >= si) {

int mid=(si+ei)/2;

if(input[mid]==element) {

return mid;

}

if (input[mid] > element)

return *binarySearch*(input, si, mid - 1, element);

return *binarySearch*(input, mid + 1, ei, element);

}

return -1;

}

}