Online Java Compiler IDE

For Multiple Files, Custom Library and File Read/Write, use our new - <u>Advanced Java IDE</u>

```java
1   // Binary search implimentation
2   public class MyClass {
3
4       static int bsearch(int arr[],int low,int high,int key)
5       {
6           if(high>=low)
7           {
8                   int mid=low+(high-low)/2;
9
10              if(arr[mid]==key)
11              return mid;
12
13              if(arr[mid]>key)
14              return bsearch(arr,low,mid-1,key);
15              return bsearch(arr,mid+1,high,key);
16
17          }
18
19          return -1;
20
21      }
22      public static void main(String args[]) {
23      //   int x=10;
24      //   int y=25;
25      //   int z=x+y;
26
27      //   System.out.println("Sum of x+y = " + z);
28
29      int arr[]={1,2,3,4,5,6,7,8,9,10};
30      int key=10;
31      int high=arr.length;
32      int index=bsearch(arr,0,high,key);
33      System.out.println("Element found at place :"+index);
34      }
35  }
```

Execute Mode, Version, Inputs & Arguments

CommandLine Arguments

Stdin Inputs

Result

CPU Time: 0.20 sec(s), Memory: 32456 kilobyte(s)   **compiled and executed in 0.888 sec(s)**

Element found at place :9

Note:
1. For file operations - upload files using upload button 📤, Files will be upload to /uploads folder. You can read those files in program from /uploads folder. To write a file from your program, write files to '/myfiles' folder. Please note the uploaded files stored in the server only for the current session.
2. For detailed documentation check - **Our Documentation**, or check our **Youtube channel.**

Thanks for using our

Online Java Compiler IDE

to execute your program

Know Your JDoodle

⊙   JDoodle Supports 72 Languages and 2 DBs. **Click here** to see all.

⊙   Fullscreen - side-by-side code and output is available. click the "⌞ ⌝" icon near execute button to switch.

⊙   Dark Theme available. Click on "•••" icon near execute button and select dark theme.

⊙   You can embed code from JDoodle directly into your website/blog. **Click here** to know more.

JDoodle For Your Organisation

⊙   Do you have any specific compiler requirements?

⊙   Do you want to integrate compilers with your website, webapp, mobile app, courses?

⊙   Do you need more than our **Embed** and **API** features?

⊙   Looking for Multiple Files, Connecting to DB, Debugging, etc.?

⊙   Are you building any innovative solution for your students or recruitment?

⊙ JDoodle offers an API service. You can execute programs just by calling our API. **Click here** to know more.

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JDoodle is serving the programming community since 2013

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Contact us - We are happy to help!