



Console X

<terminated> BinarySearch [Java Application] /Users/aryanpat/p2/pool/plugins/org.eclipse.justj.openjdk.hotspot.jre.full.macosx.x86_64_17.0.4.v20220805-1047/jre/bin/java (Nov 7, 2022, 6:03:43 PM – 6:03:45 PM) [pid: 15303]

The index for the target number 992800 is: 992903.

The total time used for Binary Search was: 206ms.

ClockIn.java
 PikaArray.java
 BinarySearch.java X
 LinearSearch.java

```

30
31     for(int i = 0; i < array.length; i++){
32
33         arraySort[i] = Integer.parseInt(array[i]);
34
35     }
36
37
38     System.out.println("The index for the target number 992800 is: " + BinarySearch.brinarySearch(arraySort, 992800) + ".");
39
40     long end = System.currentTimeMillis();
41
42     System.out.println("The total time used for Binary Search was: " + (end - start) + "ms.");
43
44
45 }
46
47
48 public static int brinarySearch(int[] array, int target) {
49
50     int start = 0;
51     int end = array.length - 1;
52
53     while(start <= end) {
54
55         int mid = (start + end) / 2;
56

```

Writable

Smart Insert

42 : 59 : 1014

