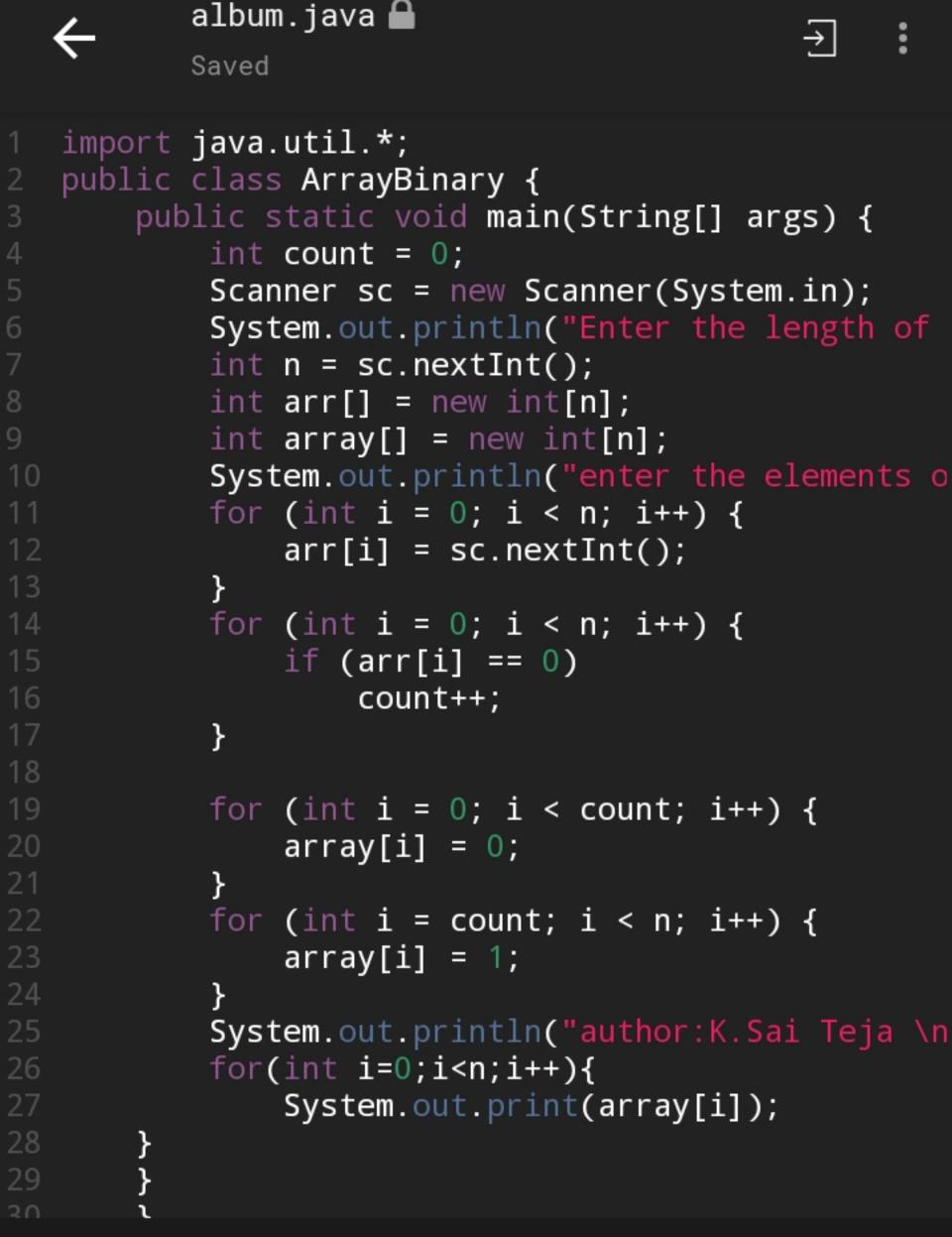
```
2:57 HB/s
```

```
1 (a) (b) (b) (c) (d) (d)
```



**X** Terminal



enter the elements of the array

0
1
1
0
author:K.Sai Teja
sap:51834609

Enter the length of the array

sap:51834609 sorted array 00111 Process finished. album.java 🖴

<del>ك</del>ا

```
Saved
   public class Main
   {
     public static int binary(int[] M, int left, in
5
6
       if (left > right) {
         return -1;
8
       int mid = (left + right) / 2;
9
       if (n == M[mid]) {
10
         return mid;
       else if (n < M[mid]) {
         return binary(M, left, mid - 1, n);
       else {
         return binary(M, mid + 1, right, n);
16
18
     }
     public static void main(String[] args)
19
     {
       int[] M = { 3,8,5,9,2,};
       int key = 5;
       int left = 0;
       int right = M.length - 1;
       int index = binary(M, left, right, key);
       System.out.println("Author:K.Sai Teja\nSAP I
26
       if (index != -1) {
28
         System.out.println("Element found at
29
       } else {
30
         System.out.println("Element not found ");
33 }
```

**X** Terminal

Author:K.Sai Teja SAP ID: 51834609 Element found at

Process finished.