DisariumNo.java

Saved

```java
import java.util.*;
import java.lang.*;
// Java program to check whether a number is Disarium Number
// or not
class Test
{
    // Method to check whether a number is disarium or not
    static boolean check(int n)
    {
        // Count digits in n.
        int count_digits = Integer.toString(n).length();
        // Compute sum of terms like digit multiplied by
        // power of position
        int sum = 0; // Initialize sum of terms
        int x = n;
            (x!=0)

        // Get the rightmost digit
```

Read Mode

```
        {
            // Get the rightmost digit
            int r = x%10;
            // Sum the digits by powering according to
            // the positions
            sum = (int) (sum + Math.pow(r, count_digits--));
            x = x/10;
        }
        // If sum is same as number, then number is
        return (sum == n);
    }
  // Driver method
    public static void main(String[] args)
    {
        Scanner sc=new Scanner (System.in);
            m.out.println("Enter a number");
            =sc.nextInt();
```

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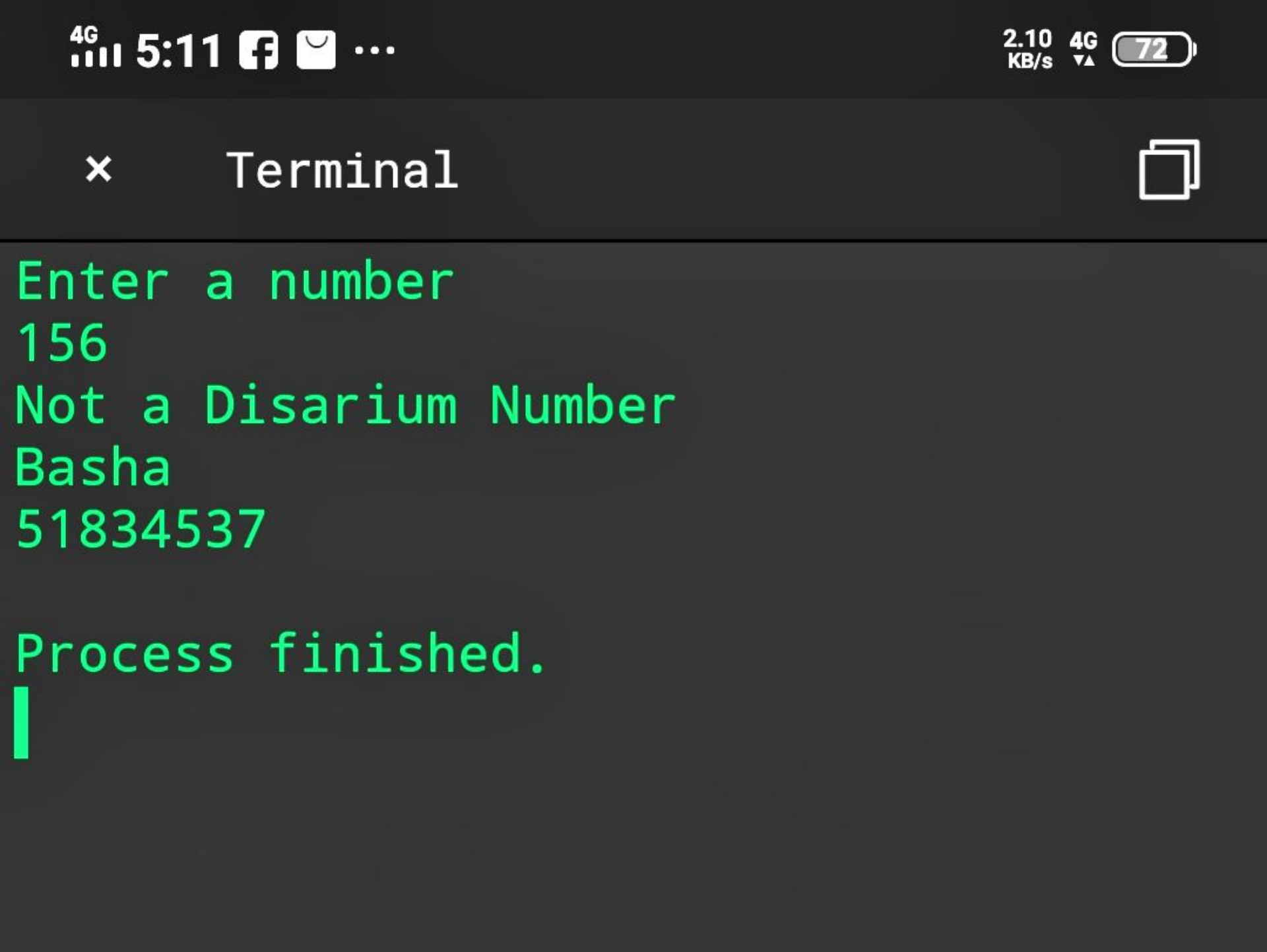
```
29    public static void main(String[] args)
30    {
31        Scanner sc=new Scanner (System.in);
32        System.out.println("Enter a number");
33        int n=sc.nextInt();
34
35        System.out.println( check(n) ? "Disarium Number" : "Not a Disarium Number");
36     System.out.println("Basha\n51834537");
37    }
```

Terminal

```
Enter a number
135
Disarium Number
Basha
51834537
```


4G 5:11
2.10 KB/s 4G 72
Terminal
Enter a number
156
Not a Disarium Number
Basha
51834537
Process finished.

Binary.java

Saved

```java
import java.util.*;

public class Main
{
    private static void sortBinaryArray(int[] inputArray)
    {
        int zeroCount = 0;

        System.out.println("Input Array Before Sorting : "+Arrays.toString(inputArray));


        for (int n = 0; n < inputArray.length; n++)
        {
            if (inputArray[n] == 0)
            {
                ++;
```

Binary.java

Saved

```
16              zeroCount++;
17          }
18      }
19
20
21      for (int n = 0; n < zeroCount; n++)
22      {
23          inputArray[n] = 0;
24      }
25
26
27      for (int n = zeroCount; n < inputArray.length; n++)
28      {
29          inputArray[n] = 1;
30      }
        n("Input Array After Sorting : "+Arrays.toString(inputArray));
```

Binary.java

Saved

```
9         System.out.println("Input Array Before Sorting : "+Arrays.toString(inputArray));
10
11
12        for (int n = 0; n < inputArray.length; n++)
13        {
14            if (inputArray[n] == 0)
15            {
16                zeroCount++;
```

Terminal

```
Input Array Before Sorting : [1, 0, 1, 1, 0, 1, 0, 0]
Input Array After Sorting : [0, 0, 0, 0, 1, 1, 1, 1]
Basha
51834537

Process finished.
```

Replace.java

Saved

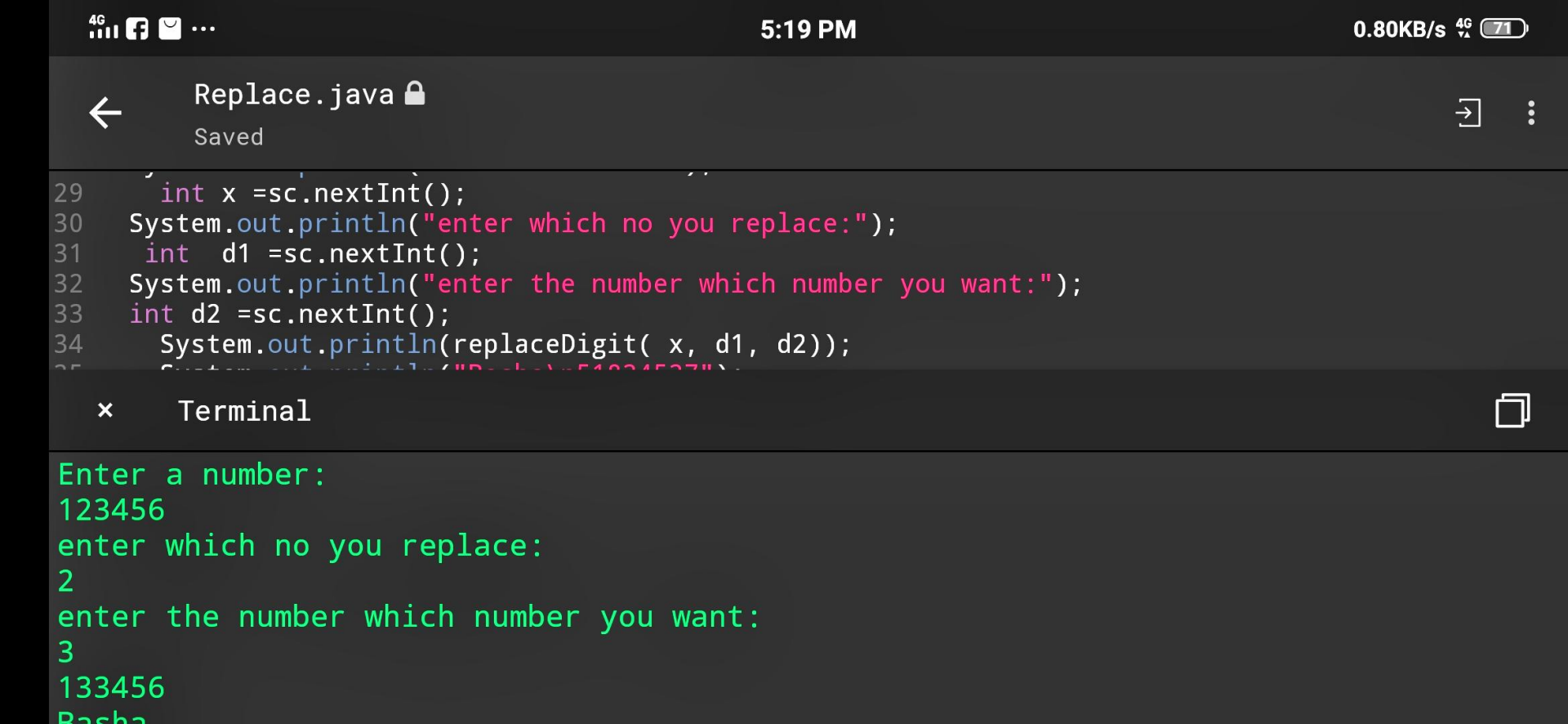
```java
import java.util.*;
import java.lang.*;

class GFG
{
static int replaceDigit(int x, int d1,
                                int d2)
{
    int result = 0, multiply = 1;

    while (x % 10 > 0)
    {
        int remainder = x % 10;
        if (remainder == d1){
            result = result + d2 * multiply;
```



```
            result = result + remainder * multiply;
```

```
            }
        else {
            result = result + remainder * multiply;
  }
        multiply *= 10;
        x = x / 10;
    }
    return result;
} 
public static void main(String[] args)
{
  Scanner sc=new Scanner(System.in);
  System.out.println("Enter a number:");
    int x =sc.nextInt();
  System.out.println("enter which no you replace:");
   int  d1 =sc.nextInt();
                          ter the number which number you want:");
   System.out.println(replaceDigit( x , d1 , d2));
```

```
            }
        else {
            result = result + remainder * multiply;
  }
        multiply *= 10;
        x = x / 10;
    }
    return result;
}
public static void main(String[] args)
{
  Scanner sc=new Scanner(System.in);
  System.out.println("Enter a number:");
    int x =sc.nextInt();
  System.out.println("enter which no you replace:");
   int  d1 =sc.nextInt();
                          ter the number which number you want:");
   System.out.println(replaceDigit( x , d1 , d2));
```


5:19 PM
0.80KB/s
Replace.java
Saved
int x =sc.nextInt();
System.out.println("enter which no you replace:");
int d1 =sc.nextInt();
System.out.println("enter the number which number you want:");
int d2 =sc.nextInt();
System.out.println(replaceDigit(x, d1, d2));
Terminal
Enter a number:
123456
enter which no you replace:
2
enter the number which number you want:
3
133456

StringBinary.java

Saved

```java
public class Main
{
    public static int binarySearch(int[] M, int left, int right, int n)
    {
        if (left > right) {
            return -1;
        }


        int mid = (left + right) / 2;

        if (n == M[mid]) {
            return mid;
        }

        (n < M[mid]) {
        rn binarySearch(M, left, mid - 1, n);
```

Make public

StringBinary.java

Saved

```
        else {
            return binarySearch(M, mid + 1, right, n);
        }
    }

    public static void main(String[] args)
    {
        int[] M = { 2, 5, 6, 8, 9, 10 };
        int key = 3;

        int left = 8;
        int right = M.length - 1;

        int index = binarySearch(M, left, right, key);
        if (index != -1) {
            em.out.println("Element found at index " + index);
            {
            System.out.println("Element not found in the array");
```

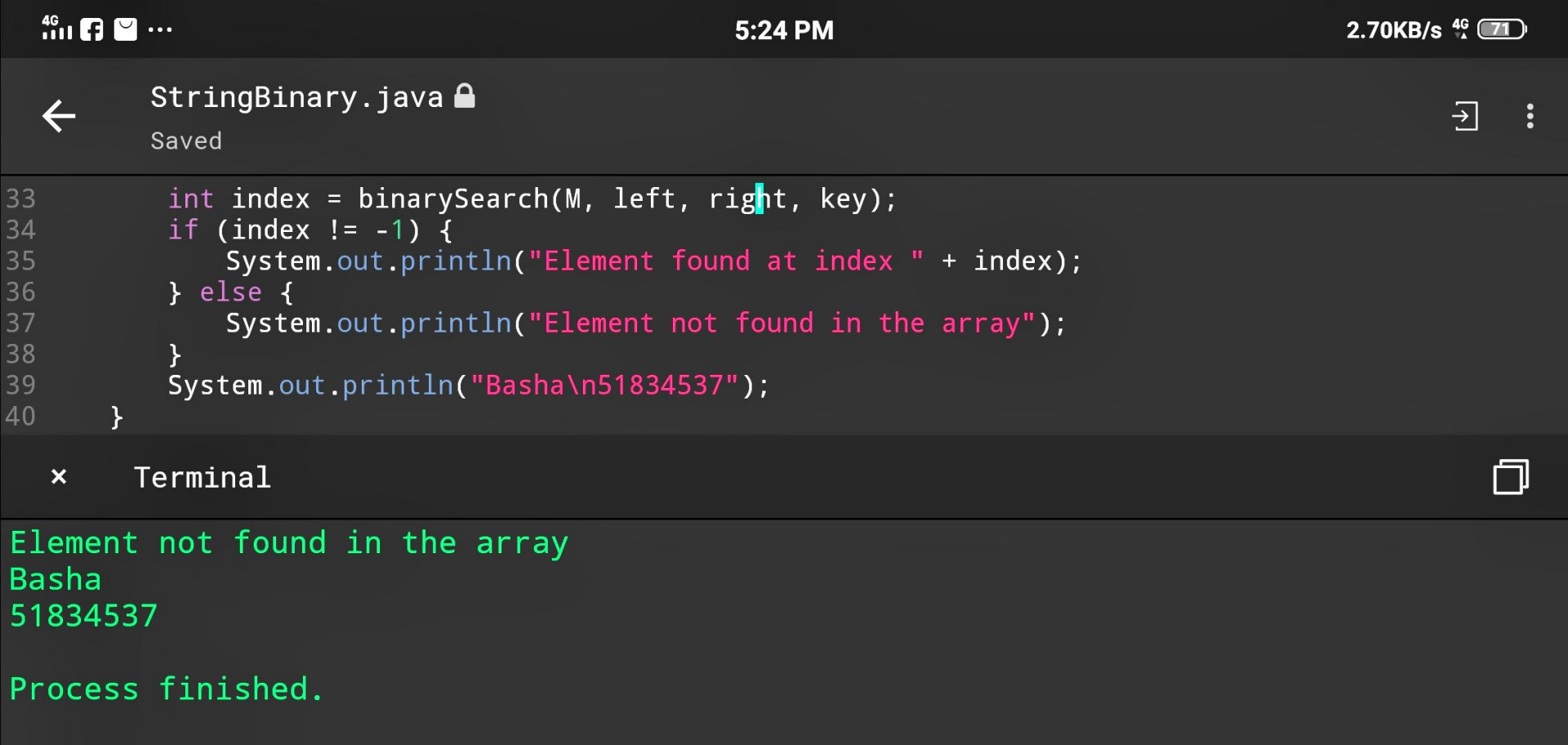
Make public

StringBinary.java

Saved

```
        else {
            return binarySearch(M, mid + 1, right, n);
        }
    }

    public static void main(String[] args)
    {
        int[] M = { 2, 5, 6, 8, 9, 10 };
        int key = 3;

        int left = 8;
        int right = M.length - 1;

        int index = binarySearch(M, left, right, key);
        if (index != -1) {
            em.out.println("Element found at index " + index);
            {
            System.out.println("Element not found in the array");
```

Make public


5:24 PM
2.70KB/s
StringBinary.java
Saved
int index = binarySearch(M, left, right, key);
if (index != -1) {
System.out.println("Element found at index " + index);
} else {
System.out.println("Element not found in the array");
}
System.out.println("Basha\n51834537");
}
Terminal
Element not found in the array
Basha
51834537
Process finished.