

mb.java 



Saved

```
1 import java.io.*;
2 public class Main
3 {
4     public static void main(String[] args)
5     {
6         BufferedReader br=new BufferedReader(
7             System.out.println("Author:M.bhanu")
8             System.out.print("Enter a number : ")
9             int n = Integer.parseInt(br.readLine());
10            int copy = n, a = 0, sum = 0;
11            String b = Integer.toString(n);
12            int len = b.length();
13
14            while(copy>0)
15            {
16                a = copy % 10;
17                sum = sum + (int) Math.pow(a, len);
18                len--;
19                copy = copy / 10;
20            }
21
22            if(sum == n)
23                System.out.println(n+" is Disarium Number.");
24            else
25                System.out.println(n+" is not a Disarium Number.");
26        }
27    }
28}
```

x Terminal



```
Author:M.bhanu
SAP ID:51834768
Enter a number : 567
567 is not a Disarium Number.
```

```
Process finished
```



mb.java 



Saved

```
1 .Arrays;
2
3 n
4
5 void sortBinaryArray(int[] inputArray)
6
7 t = 0;
8
9 rintln("Author:M.bhanu\nSAP ID:51834768")
10 rintln("Input Array Before Sorting : "+A
11
12
13 0; n < inputArray.length; n++)
14
15 rray[n] == 0)
16
17 t++;
18
19
20
21
22 0; n < zeroCount; n++)
23
24 [n] = 0;
25
26
27
28 zeroCount; n < inputArray.length; n++)
29
30 [n] = 1;
31
32
```

x Terminal



Author:M.bhanu
SAP ID:51834768
Input Array Before Sorting : [1, 0, 1
Input Array After Sorting : [0, 0, 0,

Process finished

```
1 import java.util.*;
2 import java.lang.*;
3 // Java program to replace a digit
4 // with other in a given number.
5 class GFG
6 {
7     static int replaceDigit(int x, int d1,
8                             int d2)
9     {
10         int result = 0, multiply = 1;
11
12         while (x % 10 > 0)
13         {
14
15             // Take remainder of number
16             // starting from the unit
17             // place digit
18             int remainder = x % 10;
19             // check whether it is equal
20             // to the digit to be replaced.
21             // if yes then replace
22             if (remainder == d1){
23                 result = result + d2 * multi
24                 }
25             else { // else remain as such
26                 result = result + remainder
27             }
28             // Update and move forward
29             // from unit place to
30             // hundred place and so on.
31             multiply *= 10;
32             x = x / 10; // update the value
```

x Terminal



Enter a number:

788993

enter which no you replace:

8367292829

Exception in thread "main" java.util



```
1 public class Main
2 {
3     public static int binarySearch(int[])
4     {
5         if (left > right) {
6             return -1;
7         }
8
9
10        int mid = (left + right) / 2;
11
12        if (n == M[mid]) {
13            return mid;
14        }
15
16        else if (n < M[mid]) {
17            return binarySearch(M, left,
18        }
19
20        else {
21            return binarySearch(M, mid +
22        }
23    }
24
25
26    public static void main(String[] args)
27    {
28        int[] M = { 2, 5, 6, 8, 9, 10 };
29        int key = 3;
30
31        int left = 0;
32        int right = M.length - 1;
```

x Terminal 

Author:M.bhanu

SAP ID: 51834768

Element not found in the array

Process finished.

