

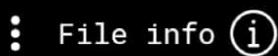


```
1 import java.io.*;
2 public class Main{
3     private int num;
4     private int size;
5     public Main(int x){
6         num = x;
7         size = 0;
8     }
9     void countDigit(){
10        for(int m = num; m != 0; m /= 10)
11            size++;
12    }
13    public int sumOfDigits(int x, int p){
14        if(x < 10)
15            return (int)Math.pow(x, p);
16        else{
17            int t = (int)Math.pow(x % 10, p);
18            return t + sumOfDigits(x / 10, --p);
19        }
20    }
21    public void check(){
22        if(num == sumOfDigits(num, size))
23            System.out.println(num + " is a Disa
24        else
25            System.out.println(num + " is not a
26    }
27    public static void main(String args[])
28    throws IOException{
29        InputStreamReader in = new InputStreamReader(
30        BufferedReader br = new BufferedReader(i
31        System.out.println("Author:G s s pavan \
32        System.out.print("Number: ");
33        int x = Integer.parseInt(br.readLine());
34        Main obj = new Main(x);
35        obj.countDigit();
36        obj.check();
37    }
38 }
```





```
1
2
3
4 ;
5 x){
6
7
8
9 ){
10 num; m != 0; m /= 10)
11
12
13 Digits(int x, int p){
14
15 int)Math.pow(x, p);
16
17 (int)Math.pow(x % 10, p);
18 + sumOfDigits(x / 10, --p);
19
20
21 k(){
22 mOfDigits(num, size))
23 ut.println(num + " is a Disarium Number.");
24
25 ut.println(num + " is not a Disarium Number.");
26
27 id main(String args[])
28 on{
29 eader in = new InputStreamReader(System.in);
30 er br = new BufferedReader(in);
31 rint("Author:G s s pavan \nSAP ID: 51834699");
32 rint("Number: ");
33 ger.parseInt(br.readLine());
34 ew Main(x);
35 it();
36
37
38
```



Author:G s s pavan
SAP ID: 51834699
Number: 24
24 is not a Disarium Number.

Process finished.



Ad

Amazon Shopping, UPI, ...

Shop from over 17 crore products, pay bills, money transfer and book flights

Install

hospital.java 
Saved

```
1 import java.util.Arrays;
2
3 public class Main
4 {
5     private static void sortBinaryArray(int[] inputArray)
6     {
7         int zeroCount = 0;
8
9         System.out.println("Name :G s s pavan\nSAP ID : 123456789");
10        System.out.println("Input Array Before Sorting :");
11
12        for (int n = 0; n < inputArray.length; n++)
13        {
14            if (inputArray[n] == 0)
15            {
16                zeroCount++;
17            }
18        }
19
20
21
22        for (int n = 0; n < zeroCount; n++)
23        {
24            inputArray[n] = 0;
25        }
26
27
28        for (int n = zeroCount; n < inputArray.length; n++)
29        {
30            inputArray[n] = 1;
31        }
32
33        System.out.println("Input Array After Sorting :");
34    }
35
36    public static void main(String[] args)
37    {
38        sortBinaryArray(new int[] {1, 0, 1, 1, 0, 1, 0});
39    }
40 }
```

 Make public 





```
1
2
3
4
5  y(int[] inputArray)
6
7
8
9  pavan\nSAP ID : 51834699");
10 Before Sorting : "+Arrays.toString(inputArray));
11
12 length; n++)
13
14
15
16
17
18
19
20
21
22 ++
23
24
25
26
27
28 tArray.length; n++)
29
30
31
32
33 After Sorting : "+Arrays.toString(inputArray));
34
35
36 rgs)
37
38  1, 1, 0, 1, 0, 0});
39
40
```





```
Name :G s s pavan
SAP ID : 51834699
Input Array Before Sorting : [1, 0, 1, 1, 0]
Input Array After Sorting : [0, 0, 0, 0, 1]

Process finished.
```

Ad



4.5 Crore+ Users

Join India's Largest Rummy
Platform. 100% Legal and Win
Daily Upto 20 Lakhs.



Open



```
s pavan
1834699
y Before Sorting : [1, 0, 1, 1, 0, 1, 0, 0]
y After Sorting : [0, 0, 0, 0, 1, 1, 1, 1]

nished.
```



Ad

4.5 Crore+ Users



Join India's Largest Rummy
Platform. 100% Legal and Win
Daily Upto 20 Lakhs.

Open

hospital.java 

Saved

```
1 public class Main
2
3     public static int binarySearch(int[] M, int l
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, mid - 1,
18        }
19
20        else {
21            return binarySearch(M, mid + 1, right
22        }
23    }
24
25    public static void main(String[] args)
26    {
27        int[] M = { 2, 5, 6, 8, 9, 10 };
28        int key = 3;
29
30        int left = 0;
31        int right = M.length - 1;
32
33        int index = binarySearch(M, left, right,
34
35        System.out.println("Author:G s s pavan\n$"
36        if (index != -1) {
37            System.out.println("Element found at "
38        } else {
39            System.out.println("Element not found "
40        }
41    }
42 }
```

 Make public 





hospital.java



```
1
2
3     inarySearch(int[] M, int left, int right, int n)
4
5     t) {
6
7
8
9
10    + right) / 2;
11
12 ) {
13
14
15
16    mid]) {
17    rySearch(M, left, mid - 1, n);
18
19
20
21    rySearch(M, mid + 1, right, n);
22
23
24
25    main(String[] args)
26
27    5, 6, 8, 9, 10 };
28
29
30
31    length - 1;
32
33    arySearch(M, left, right, key);
34
35    tln("Author:G s s pavan\nSAP ID: 51834699");
36 ) {
37    println("Element found at index " + index);
38
39    println("Element not found in the array");
40
41
42
```

⋮ Make public





Author:G s s pavan
SAP ID: 51834699
Element not found in the array

Process finished.



Ad Amazon Shopping, UPI, ...

Shop from over 17 crore products, pay bills, money transfer and book flights

Install

hospital.java 
Saved

```
1 public class Main
2 {
3     static int replaceDigit(int a, int numbertoberep
4                             int replacingnumber)
5     {
6         int result = 0, multiply = 1;
7
8         while (a % 10 > 0)
9         {
10
11             int remainder = a % 10;
12
13             if (remainder == numbertobereplaced)
14                 result = result + replacingnumber * i
15
16             else
17                 result = result + remainder * multip
18
19             multiply *= 10;
20             a = a / 10;
21         }
22         return result;
23     }
24
25     public static void main(String[] args)
26     {
27         int a = 1234678, numbertobereplaced = 9, rep
28         System.out.println("Author:G s s pavan \nSAP")
29         System.out.println(replaceDigit(a, numbertob
30     }
31 }
```

 Make public 





```
1
2
3     int numbertobereplaced,
4     : replacingnumber)
5
6     1;
7
8
9
10 ;
11 ;
12 rtobereplaced)
13 replacingnumber * multiply;
14
15
16 remainder * multiply;
17
18
19
20
21
22
23
24
25 [] args)
26
27 ereplaced = 9, replacingnumber = 10;
28 :G s s pavan \nSAP ID:51834699");
29 Digit(a, numbertobereplaced, replacingnumber));
30
31
```





Author:G s s pavan
SAP ID:51834699
1234678

Process finished.

Ad



Amazon Prime Video

Watch TV shows and movies
including award-winning
Amazon exclusives.

Install