



jul23.java

Saved



```
1  import java.io.*;
2  public class Main
3  {
4      public static void main(String[] args) throws
5      {
6          BufferedReader br=new BufferedRead
7          System.out.println("Author:M.Sai Re
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 a Dis
24         else
25             System.out.println(n+" is not a
26     }
27 }
```



```
Author:M.Sai Reddy  
SAP ID:51834507  
Enter a number : 7  
7 is a Disarium Number.
```

```
Process finished.
```

```
|
```



vbj.java

Saved



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



Author:M. Sai Reddy

SAP ID:51834507

Input Array Before Sorting : [1, 0, 1, 1, 1]

Input Array After Sorting : [0, 0, 0, 0, 1]

Process finished.



ascii.java



Saved

```
1 public class Main
2 {
3     static int replaceDigit(int a, int numbertober
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 * mult
15
16             else
17                 result = result + remainder * multiply;
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 = 1347232, numbertobereplaced = 2, rep
28         System.out.println("author: M.Sai Reddy\nSAF
29         System.out.println(replaceDigit(a, numbertok
30     }
31 }
```



author: M.Sai Reddy
SAP ID:51834507
1347636

Process finished.



vbj.java



Saved

```
1 public class Main
2 {
3     public static int binarySearch(int[] M, 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, mid - 1, n
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
```

```
author: M.Sai Reddy  
SAP ID: 51834507  
Element not found in the array  
  
Process finished.
```


Finished

8.00

4.00

Not

Submitted

permitted

Thursday,

23 July

2020, 3:48

PM

**YOUR FINAL GRADE
FOR THIS QUIZ IS
4.00/10.00.**

No more attempts are allowed

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