

```

1  import java.util.Scanner;
2  import java.lang.Math;
3  class Diasarium
4  {
5      int Check(int n)
6      {
7          int m=n,sum=0,count=0;
8          while(n>0)
9          {
10             count++;
11             n=n/10;
12         }
13         for(int i=count;m>0;i--)
14         {
15             sum=sum+(int)Math.pow(m%10,i);
16             m=m/10;
17         }
18         return sum;
19     }
20     public static void main(String args[])
21     {
22
23         System.out.println("name:G.Sai Seshank,5183
24
25         Diasarium d=new Diasarium();
26         Scanner sc=new Scanner(System.in);
27         System.out.println("Enter the number : ");
28         int num=sc.nextInt();
29         if(d.Check(num)==num)
30         {
31             System.out.println(num+" is Diasarium num
32         }
33         else
34         {
35             System.out.println(num+" is not Diasarium
36         }
37         System.out.println("Enter the number upto w
38         num=sc.nextInt();
39         for(int i=1;i<=num;i++)
40         {
41             System.out.println("k(i)==i)
42             out.print(i+" ");

```

Project info ⓘ



```

29     if(d.Check(num)==num)
30     {
31         System.out.println(num+" is Diasarium num")
32     }
33     else
34     {
35         System.out.println(num+" is not Diasarium")
36     }
37     System.out.println("Enter the number upto w");
38     num=sc.nextInt();
39     for(int i=1;i<=num;i++)
40     {
41         if(d.Check(i)==i)
42         {
43             System.out.print(i+" ");
44         }
45     }
46     System.out.println();
47     System.out.println("Enter the start number");
48     int num1=sc.nextInt();
49
50
51
52     System.out.println("Enter the end number :");
53     int num2=sc.nextInt();
54     for(int i=num1;i<=num2;i++)
55     {
56         if(d.Check(i)==i)
57         {
58             System.out.print(i+" ");
59         }
60     }
61 }
62 }

```

⋮ Project info ⓘ



× Terminal



G.Sai seshank,51834691

Enter the number :

54

54 is not Diasarium number

Enter the number upto which the Diasarium

78

1 2 3 4 5 6 7 8 9

Enter the start number :

2

Enter the end number :

8

2 3 4 5 6 7 8

Process finished.

Ad

See your new selfie

```

1  java.util.Arrays;
2
3  class Main
4
5  public static void sortBinaryArray(int[] inputArray
6
7  int zeroCount = 0;
8
9  System.out.println("Author G.sai seshank\nSAP ID
10 System.out.println("Input Array Before Sorting \
11
12
13 for (int n = 0; n < inputArray.length; n++)
14 {
15     if (inputArray[n] == 0)
16     {
17         zeroCount++;
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 



× Terminal



Author G.Sai seshank

SAP ID:51834691

Input Array Before Sorting :

[1, 0, 1, 1, 0, 1, 0, 0]

Input Array After Sorting :

[0, 0, 0, 0, 1, 1, 1, 1]

Process finished.

```
1  lass Dcoder
2  {
3      public static void main(String args[])
4      {
5          System.out.println("G.Sai Seshank sap:51834691");
6
7          for(int i=1;i<=5;i++)
8          {
9              for(int j=1;j<=i;j++)
10             {
11                 if(i==5 && j==3)
12                 {
13                     System.out.print("@");
14                 }
15                 else if(j==1 || j==i)
16                 {
17                     System.out.print("1");
18                 }
19                 else
20                 {
21                     System.out.print("0");
22                 }
23             }
24             System.out.println();
25         }
26     }
27 }
```

× Terminal



G.Sai Seshank sap:51834691

1

11

101

1001

10@01

Process finished.



```

1  class ReplaceNumber
2  {
3  static int replaceDigit(int x, int d1, int d2)
4  {
5      int result = 0, multiply = 1;
6
7      while (x % 10 > 0)
8      {
9          int remainder = x % 10;
10         if (remainder == d1)
11             result = result + d2 * multiply;
12         else
13             result = result + remainder * multiply;
14         multiply *= 10;
15         x = x / 10;
16     }
17     return result;
18 }
19 public static void main(String[] args)
20 {
21
22     System.out.println("G Sai Seahank.51834691");
23     int x = 1347232, d1 = 2, d2 = 6;
24     System.out.println(replaceDigit(x, d1, d2));
25 }
26 }

```

× Terminal



```

G Sai Seahank.51834691
1347636

```

Process finished.



