

```

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

```

```
Author:Naveen  
SAP ID:51834547  
Enter a number : 3  
3 is a Disarium Number.
```

```
Process finished.  
|
```

```
1
2 import java.util.Arrays;
3
4 public class Main
5 {
6     private static void sortBinaryArray(int[] in
7     {
8         int zeroCount = 0;
9
10        System.out.println("Author:Naveen\nSAP ID:
11        System.out.println("Input Array Before Sor
12
13
14        for (int n = 0; n < inputArray.length; n++)
15        {
16            if (inputArray[n] == 0)
17            {
18                zeroCount++;
19            }
20        }
21
22
23        for (int n = 0; n < zeroCount; n++)
24        {
25            inputArray[n] = 0;
26        }
27
28
29        for (int n = zeroCount; n < inputArray.len
30        {
31            inputArray[n] = 1;
32        }
33
34        System.out.println("Input Array After Sort
35    }
36
37    public static void main(String[] args)
38    {
39        sortBinaryArray(new int[] {1, 0, 1, 1, 0,
40    }
41 }
```

Author:Naveen

SAP ID:51834537

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

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

Process finished.

```

1
2 import java.util.Scanner;
3 class Main
4 {
5     public static int[] replaceNum(int num,int
6     {
7         int d[]=new int[length];
8         for(int i=0;i<length;i++)
9         {
10             d[i]=num%10;
11             num=num/10;
12         }
13         for(int i=0;i<length;i++)
14         {
15             if(d[i]==num1)
16             {
17                 d[i]=num2;
18             }
19         }
20     }
21     return d;
22 }
23 public static int length(int num)
24 {
25     int length=0;
26     int temp=num;
27     while(temp>0)
28     {
29         temp=temp/10;
30         length++;
31     }
32     return length;
33 }
34 public static void main (String[] args) {
35     Scanner sc=new Scanner(System.in);
36     System.out.println("Author:Naveen");
37     System.out.println("SAP ID: 51834547");
38     System.out.print("\nEnter a number: ")
39     int n=sc.nextInt();
40     System.out.print("Enter a number to re
41     int num1=sc.nextInt();
42     System.out.print("Enter a number to re
43     int num2=sc.nextInt();
44     gth=length(n);

```



```

16         }
17         d[i]=num2;
18     }
19 }
20 }
21 return d;
22 }
23 public static int length(int num)
24 {
25     int length=0;
26     int temp=num;
27     while(temp>0)
28     {
29         temp=temp/10;
30         length++;
31     }
32     return length;
33 }
34 public static void main (String[] args) {
35     Scanner sc=new Scanner(System.in);
36     System.out.println("Author:Naveen");
37     System.out.println("SAP ID: 51834547");
38     System.out.print("\nEnter a number: ");
39     int n=sc.nextInt();
40     System.out.print("Enter a number to replace: ");
41     int num1=sc.nextInt();
42     System.out.print("Enter a number to replace: ");
43     int num2=sc.nextInt();
44     int length=length(n);
45     int[]d=replaceNum(n, length, num1, num2);
46     System.out.println("\nNumber after replacement:");
47     for(int i=length-1;i>=0;i--)
48     {
49         System.out.print(d[i]);
50     }
51 }
52 }

```

Author:Naveen
SAP ID: 51834547

Enter a number: 3
Enter a number to replace: 5
Enter a number to replace with: 5

Number after the digit is replaced...
3
Process finished.

Attempts allowed: 1

This quiz closed on Thursday, 23 July
2020, 4:00 PM

Time limit: 30 mins

SUMMARY OF YOUR PREVIOUS ATTEMPTS

State	Marks / 20.00	Grade / 10.00	Review
Finished Submitted Thursday, 23 July 2020, 3:55 PM	6.00	3.00	Not permitted

YOUR FINAL GRADE
FOR THIS QUIZ IS
3.00/10.00.