



first.java

Saved



```
1
2
3
4 import java.io.*;
5 public class Main
6 {
7     public static void main(String[] args) throws IO
8     {
9         BufferedReader br=new BufferedReader (r
10         System.out.println("Author: harsha\nSAP
11         System.out.print("Enter a number : ");
12         int n = Integer.parseInt(br.readLine())
13         int copy = n, a = 0, sum = 0;
14         String b = Integer.toString(n);
15         int len = b.length();
16
17         while(copy>0)
18         {
19             a = copy % 10;
20             sum = sum + (int)Math.pow(a,len);
21             len--;
22             copy = copy / 10;
23         }
24
25         if(sum == n)
26             System.out.println(n+" is a Disarium
27         else
28             System.out.println(n+" is not a Dis
29     }
30 }
```

✕ Terminal



```
Author: harsha
SAP id 51834755
Enter a number : 10
10 is not a Disarium Number.

Process finished.
```

```

import java.util.Arrays;

public class Main
{
    private static void sortBinaryArray(int[] inputArray)
    {
        int zeroCount = 0;

        System.out.println("Author:harsha\nSAP ID:51834755");
        System.out.println("Input Array Before Sorting:");

        for (int n = 0; n < inputArray.length; n++)
        {
            if (inputArray[n] == 0)
            {
                zeroCount++;
            }
        }

        for (int n = 0; n < zeroCount; n++)
        {
            inputArray[n] = 0;
        }

        for (int n = zeroCount; n < inputArray.length; n++)
        {
            inputArray[n] = 1;
        }

        System.out.println("Input Array After Sorting:");
    }

    public static void main(String[] args)
    {
        sortBinaryArray(new int[] {1, 0, 1, 1, 0, 1, 0});
    }
}

```

✕ Terminal



Author:harsha

SAP ID:51834755

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

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

Process finished.

```

1  import java.util.*;
2  public class Main
3  {
4  static int replaceDigit(int a, int numbertobereplac
5                          int replacingnumber)
6  {
7      int result = 0, multiply = 1;
8
9      while (a % 10 > 0)
10     {
11
12         int remainder = a % 10;
13
14         if (remainder == numbertobereplaced)
15             result = result + replacingnumber * mult
16
17         else
18             result = result + remainder * multiply;
19
20         multiply *= 10;
21         a = a / 10;
22     }
23     return result;
24 }
25
26 public static void main(String[] args)
27 {
28     int a = 645, numbertobereplaced = 6, replacingn
29     System.out.println("Author:harsha\nSAP ID:51834
30     System.out.println(replaceDigit(a, numbertobere
31 }
32 }

```

✕ Terminal



```

Author:harsha
SAP ID:51834755
545

```

Process finished.