

Unique Number(---RETIRED---)

Grade settings: Maximum grade: 100

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Based on: [Unique Number\(---RETIRED---\)](#)

Run: Yes **Evaluate:** Yes

Automatic grade: Yes

Write a program that accepts an Integer as input and finds whether the number is Unique or not. Print Unique if the number is "Unique", else print "Not Unique".

Note: A Unique number is a positive integer (without leading zeros) with no duplicate digits. For example 7, 135, 214 are all unique numbers whereas 33, 3121, 300 are not.

Include a class UserMainCode with a static method **getUnique** which accepts an integer. The return type (Integer) should return 1 if the number is unique else return -1.

Create a Class Main which would be used to accept Input Integer and call the static method present in UserMainCode.

Input and Output Format:

Input consists of an integer .

Output consists of a String ("Unique" or "Not Unique").

Refer sample output for formatting specifications.

Sample Input 1:

123

Sample Output 1:

Unique

Sample Input 2:

33

Sample Output 2:

Not Unique

Qualifier Assessment Unique Number: 137159

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Main.java UserMainCode.java

```
1 import java.util.Scanner;
2 public class Main{
3
4     public static void main(String args[])
5     {
6
7         Scanner sc=new Scanner(System.in);
8         int n=sc.nextInt();
9         int res=UserMainCode.getUnique(n);
10        if(res==1)
11            System.out.println("Unique");
12        else
13            System.out.println("Not Unique");
14
15    }
16 }
```

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Main.java UserMainCode.java

```
1
2 public class UserMainCode {
3
4     public static int getUnique(int num) {
5
6         //fill the code
7     }
8
9 }
10
11
12
```

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