Write a program to Replace all 0's with 1 in a given integer

Description

Get a number as input from the user and find the zeros present in that number. Then convert the zeros into one and then print it.

Input

310020

Output

311121

C Program

```c
#include <stdio.h>
int main()
{
    int num,newnum=0;
    printf("Enter number: ");
    scanf("%d", &num);
    if(num ==0)
        newnum=1;
    while(num>0)
    {
        int rem = num%10;
        if(rem ==0)
            rem = 1;
        num = num/10;
        newnum=newnum*10+rem;
    }
    num = 0 ;
```

```
   while(newnum>0)
   {
    int r = newnum%10;
    num= num*10 + r;
    newnum =newnum / 10;
   }
   printf("New number is: %d" ,num);
   return 0;
}
```

C++ Program

```cpp
#include <iostream>
using namespace std;
int main()
  {
    int num,newnum=0;
    cout<<"Enter number: ";
    cin>>num;
    if(num == 0)
      newnum=1;
    while(num>0)
    {
      int rem = num%10;
      if(rem == 0)
        rem = 1;
      num = num/10;
      newnum=newnum*10+rem;
    }
   num = 0 ;
   while(newnum>0)
   {
    int r = newnum%10;
    num=num*10 + r;
    newnum =newnum / 10;
   }
   cout<<"New number is: "<<num;
   return 0;
  }
```
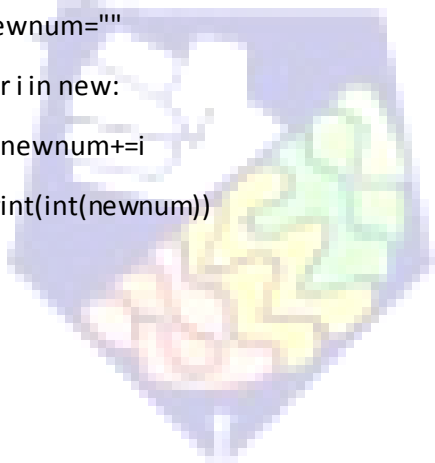
Java

```java
import java.util.Scanner;

public class Main
{
        public static void main(String[] args) {
                Scanner sc = new Scanner(System.in);
                System.out.print("Enter a number: ");
                int num = sc.nextInt();
                int newnum=0;
                if(num == 0)
        newnum=1;
    while(num>0)
    {
      int rem = num%10;
      if(rem ==0)
        rem = 1;
      num = num/10;
      newnum=newnum*10+rem;
     }
    num = 0 ;
    while(newnum>0)
    {
     int r = newnum%10;
     num=num*10 + r;
     newnum =newnum / 10;
    }
    System.out.println("New number is: "+num);
        }
}
```

Python

```python
num=int(input("Enter a number: "))
s=str(num)
new=[]
for i in s:
    if(i=='0'):
        new.append('1')
    else:
        new.append(i)
newnum=""
for i in new:
    newnum+=i
print(int(newnum))
```