

extra.py

```
def isJump(n):  
    if n <= 10: #if n < 10, it's always true  
        return True  
  
    n = list(str(n))  
    for i in range(1, len(n)):  
        diff = abs(int(n[i]) - int(n[i-1]))  
  
        if diff != 1:  
            return False  
  
    return True  
  
number = int(input("Enter a number:"))  
for i in range(number):  
    if (isJump(i)): #if isJump is true, print out the number 'i' itself.  
        print(i, end=" ")
```

Cmder

\$ clear

25840@DESKTOP-FQ90L7R ~/OneDrive/Desktop/Test/python_test

\$ python extra.py

Enter a number:105

0 1 2 3 4 5 6 7 8 9 10 12 21 23 32 34 43 45 54 56 65 67 76 78 87 89 98 101 25840@DESKTOP-FQ90L7R

\$ python extra.py

Enter a number:1024

0 1 2 3 4 5 6 7 8 9 10 12 21 23 32 34 43 45 54 56 65 67 76 78 87 89 98 101 121 123 210 212

545 565 567 654 656 676 678 765 767 787 789 876 878 898 987 989 1010 1012 25840@DESKTOP-FQ90L7R

\$ |

bash.exe