**Maximum Jumping Number**

**--------------------------------------**

**class Solution:**

**def jumpingNums(self, x):**

*# decrementing the loop*

**for i in range(x, 0, -1):**

*# taking 'Non\_Jump' to counting the Non Jumping nums*

**Non\_Jump = 0**

*# converting the given integer number to a string*

**string = str(i)**

*# taking 'length' to counting the length of the string*

**length = 0**

**for l in string:**

**length += 1**

**for j in range(length - 1):**

*# comparing each numbers difference equal to '1'*

**if (int(string[j]) - int(string[j+1])) \*\* 2 != 1:**

**Non\_Jump = 1**

*# compare Non\_Jump count is == 0*

**if Non\_Jump == 0:**

**return i**

**def main():**

**solution = Solution()**

**result = solution.jumpingNums(8769)**

**print(result)**

**if \_\_name\_\_ == '\_\_main\_\_':**

**main()**