

# Work on project. Stage 4/5:Teach your bot to count

Project: [Simple Chat Bot with Python](#)

## Teach your bot to count

Hard

17078

7 hours ago

Topics in stage:

Skipped 0

Learned 4

Need to learn 0

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### Description

Now you will teach your bot to count. It's going to become an expert in numbers!

### Objective

In this stage, you will program the bot to count from 0 to any positive number users enter.

### Example

The greater-than symbol followed by a space ( `>`  ) represents the user input. Note that it's not part of the input.

**Example 1:** *a dialogue with the new version of the bot*

```
1 Hello! My name is Aid.
2 I was created in 2023.
3 Please, remind me your name.
4 > Max
5 What a great name you have, Max!
6 Let me guess your age.
7 Enter remainders of dividing your age by 3, 5 and 7.
8 > 1
9 > 2
10 > 1
11 Your age is 22; that's a good time to start programming!
12 Now I will prove to you that I can count to any number you want.
13 > 5
14 0 !
15 1 !
16 2 !
17 3 !
18 4 !
19 5 !
20 Completed, have a nice day!
```

**Note:** each number starts with a new line, and after a number, the bot should print the exclamation mark.

Using a consistent type of quotation marks (either single `'` or double `"` quotes) in your code enhances readability and reduces the chances of syntax errors. Consistency also makes it easier to follow coding standards, especially when collaborating with others, ensuring that the code remains clean and professional.

Use the provided template to simplify your work. You can change the text if you want, but be especially careful when counting numbers.

⚡ See hint

Write a program

📄 Report a typo

Code Editor

IDE 

💎 +100

```
1 print('Hello! My name is Ball.')
2 print('I was created in 2024.')
3 print('Please, remind me your name.')
4
5 name = input()
6
7 print('What a great name you have, ' + name + '!')
8 print('Let me guess your age.')
9 print('Enter remainders of dividing your age by 3, 5 and 7.')
10
11 rem3 = int(input())
12 rem5 = int(input())
13 rem7 = int(input())
14
15 age = (rem3 * 70 + rem5 * 21 + rem7 * 15) % 105
16
17 print("Your age is " + str(age) + "; that's a good time to start programming!")
18 print('Now I will prove to you that I can count to any number you want.')
19
20 # read a number and count to it here
21 number_to_count = int(input())
22 number = 0
23 while number <= number_to_count:
24     print(f"{number} !")
25     number += 1
26 print('Completed, have a nice day!')
```

Continue

Solve again

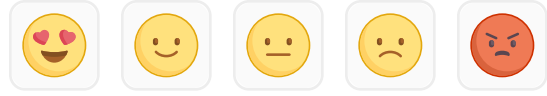
[Solutions \(748\)](#)

 Correct

That's an awesome solution! What do you think about showing it off? [Post it to Solutions](#) so other learners can enjoy it too.

Great job!

736 learners liked this problem. 51 didn't like it. What about you?



#### Topics in stage

✔ Comparisons

✔ If statement

✔ While loop

✔ Boolean type and operations. True and false

Comments (164)

Hints (45)

Useful links (1)

Solutions (748)

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