

## Work on project. Stage 5/5:Play a simple quiz together

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

### Play a simple quiz together

🔥 Medium 🗨 15845 ✅ 4 hours ago    Topics in stage:   Skipped 0   Learned 5   Need to learn 0   [See all](#) ▾

#### Description

At the final stage, you will improve your simple bot so that it can give you a test and check your answers. The test should be a multiple-choice quiz about programming with any number of options. Your bot has to repeat the test until you answer correctly and congratulate you upon completion.

#### Objective

Your bot can ask anything you want, but there are two rules for your output:

- the line with the test should end with the question mark character;
- an option starts with a digit followed by the dot ( `1.` , `2.` , `3.` , `4.` )

If a user enters an incorrect answer, the bot may print a message:

```
1 | Please, try again.
```

The program should stop on the correct answer and print `Congratulations, have a nice day!` at the end.

#### 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 final version of your 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 | > 3
14 | 0 !
15 | 1 !
16 | 2 !
17 | 3 !
18 | Let's test your programming knowledge.
19 | Why do we use methods?
20 | 1. To repeat a statement multiple times.
21 | 2. To decompose a program into several small subroutines.
22 | 3. To determine the execution time of a program.
23 | 4. To interrupt the execution of a program.
24 | > 4
25 | Please, try again.
26 | > 2
27 | Congratulations, have a nice day!
```

The program must end with the `Congratulations, have a nice day!` message.

Use the provided template to simplify your work. You can change the text if you want. Please note that we use functions to make it easy to understand the program and add new code to it or edit later.

⚡ See hint

📄 Report a typo

Write a program

Code Editor    IDE 💖 +100

```
1 | def greet(bot_name, birth_year):
2 |     print('Hello! My name is ' + bot_name + '.')
3 |     print('I was created in ' + birth_year + '.')
4 |
5 |
6 | def remind_name():
7 |     print('Please, remind me your name.')
8 |     name = input()
9 |     print('What a great name you have, ' + name + '!')
10 |
11 |
12 | def guess_age():
13 |     print('Let me guess your age.')
14 |     print('Enter remainders of dividing your age by 3, 5 and 7.')
15 |
16 |     rem3 = int(input())
17 |     rem5 = int(input())
18 |     rem7 = int(input())
19 |     age = (rem3 * 70 + rem5 * 21 + rem7 * 15) % 105
20 |
21 |     print("Your age is " + str(age) + "; that's a good time to start programming!")
22 |
23 |
24 | def count():
25 |     print('Now I will prove to you that I can count to any number you want.')
26 |
27 |     num = int(input())
28 |     curr = 0
29 |     while curr <= num:
30 |         print(curr, '!')
31 |         curr = curr + 1
32 |
33 |
34 | def test():
35 |     print("Let's test your programming knowledge.")
36 |     # write your code here
37 |     question = "What does the keyword return do?"
38 |     print(question)
39 |     answers = ["1. after the function call, it returns all the arguments",
40 |               "2. return invokes the function",
41 |               "3. return stops the function execution and/or sends back "
42 |               "a value resulted from the function call"]
43 |
44 |     counter = 0
45 |     while counter < len(answers):
46 |         print(answers[counter])
47 |         counter += 1
48 |         right_answer = 3
49 |         user_answer = int(input())
50 |         while user_answer != right_answer:
51 |             print("Please, try again.")
52 |             user_answer = int(input())
53 |
54 | def end():
55 |     print('Congratulations, have a nice day!')
56 |
57 |
58 | greet('Ball', '2024') # change it as you need
59 | remind_name()
60 | guess_age()
61 | count()
62 | test()
63 | end()
64 |
```

Continue

Solve again

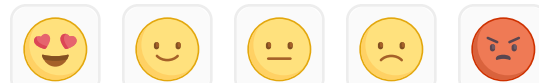
[Solutions \(909\)](#)

🎉 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, keep at it!

688 learners liked this problem. 27 didn't like it. What about you?



#### Topics in stage

✓ List

✓ Invoking functions

✓ Declaring functions

✓ Else statement

✓ Indexes

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