

TH
3

Explore ▾

Study plan

Map

Problem of the day

Repeat what you've learned

Find topic

Description

Keep improving your bot by developing new skills for it. We suggest a simple guessing game that will predict the age of a user.

It's based on a simple math trick. First, take a look at this formula:

```
1 | age = (remainder3 * 70 + remainder5 * 21 + remainder7)
```

The numbers `remainder3`, `remainder5`, and `remainder7` are the remainders of division by 3, 5 and 7 respectively.

It turns out that for each number ranging from 0 to 104, the calculation will result in the number itself. This perfectly fits the ordinary age range, doesn't it? Ask the user for the remainders and use them to guess the age!

Objective

In this stage, you will introduce yourself to the bot. It will greet you by your name and then try to guess your age using arithmetic operations.

Your program should print the following lines:

```
1 Hello! My name is Aid.
2 I was created in 2023.
3 Please, remind me your name.
4 What a great name you have, Max!
5 Let me guess your age.
6 Enter remainders of dividing your age by 3, 5 and
7 Your age is {your_age}; that's a good time to star
```

Read three numbers from the standard input. Assume that all the numbers will be given on separate lines.

Instead of `{your_age}`, the bot will print the age determined according to the special formula discussed above.

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 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
8 > 1
9 > 2
```

```
10 > 1
11 Your age is 22; that's a good time to start progra
```

Use the provided template to simplify your work. You can change the text, but not the number of printed lines.

Write a program

 Report a typo

 See hint

Code Editor

IDE  +100

```
1 print('Hello! My name is Aid.')
2 print('I was created in 2020.')
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 # reading all remainders
12 remainder3 = int(input())
13 remainder5 = int(input())
14 remainder7 = int(input())
15 your_age = (remainder3 * 70 + remainder5 * 21 + remainder7 * 15) % 105
16 print(f"Your age is {your_age}; that's a good time to start programming!")
17
```

Continue

Solve again

[Solutions \(698\)](#)

✓ **Correct.**

Amazing, you've got it!

840 learners liked this problem. **54** didn't like it. **What about you?**



Topics in stage

✓ Program with numbers

Comments (92) Hints (21) Useful links (0) Solutions



Help us develop a better product for you and other learners!

I agree to receive invites to research activities (interviews, surveys)

- All courses

Top courses

Beginner-friendly

Career paths

Python

Java

JavaScript

Kotlin

Full catalog
- Go

Android

C++

Generative AI

Math

Frontend

SQL and Databases

Data Science

Bioinformatics

Backend
- DevOps

Data Analysis

Drafts

[Resources](#)[Blog](#)[University](#)[Subscription](#)[For Business](#)[Pricing](#)[Hyperskill](#)[About](#)[Careers](#)[For Content Creators](#)[Support](#)[Help Center](#)[Terms](#)[🕶️ Become beta tester](#)

Be the first to see what's new

