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Disease Epidemic - Python

The curious case of the glowing nose

Anonymous ...

Instructions

Problem

With your minds firmly on solving this mystery, you decide to print a warning to be displayed. This warning message will appear on the screen.

You should use `print` to display the message:

Warning! Science in progress!

Print Hint

Remember how `print` works:

`print('Hello')`

Perfect Precision

Be careful of capital letters, spelling, spaces and punctuation! Computers are very picky!

program.py

`print("Warning! Science in progress!")`

Submissions

Output

Warning! Science in progress!

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Now you know how to read in text from the user, it's time to write a program to read in suggested names and print them out!

Your program should work like this. The black word(s) are what the user will *input*, as in the example on the last slide.

Name: Tilly
Meow Tilly

Here is another example, with another suggested name:

Name: Mrs Socks
Meow Mrs Socks

program.py

`name = input("Name: ")
print("Meow", name)`

Submissions

Output

Name: Jianjiao
Meow Jianjiao

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Instructions

Problem

You have been told that each hour, the number of cats infected with the disease you've nicknamed 'the green glows' doubles. Write a program that reads in how many cats are infected now, and prints out how many cats will be infected in an hour.

Your program should work like this:

Cats infected: 10
Cats infected in an hour: 20

Here is another example:

Cats infected: 2
Cats infected in an hour: 4

Hint

Remember the sign for multiplication in Python: `*`

`height = 4
width = 10
area = height * width
print("The area of this rectangle is", area)`

program.py

`current_infected = int(input("Cats infected: "))
print("Cats infected in an hour:", current_infected * 2)`

Submissions

Output

Cats infected: 5
Cats infected in an hour: 10