



The logo for the game show "Who Wants to Be a Millionaire". It features a circular design with a purple border containing the words "WHO WANTS TO BE A MILLIONAIRE" repeated twice. The center of the logo is filled with a stylized, multi-layered graphic of yellow and gold lines forming a complex, radiating pattern against a dark background.

WHO WANTS TO BE
A MILLIONAIRE
WHO WANTS TO BE



Please don't sue me:

Image by ITV, fair use.

No actual pecuniary prize involved.

Not endorsed by the original show.



Playing levels

0. Junior

1. Mid-level

0. Junior

2. Senior

1. Mid-level

0. Junior

3. Core dev

2. Senior

1. Mid-level

0. Junior

4. Guido

3. Core dev

2. Senior

1. Mid-level

0. Junior

Question 1

Junior to mid

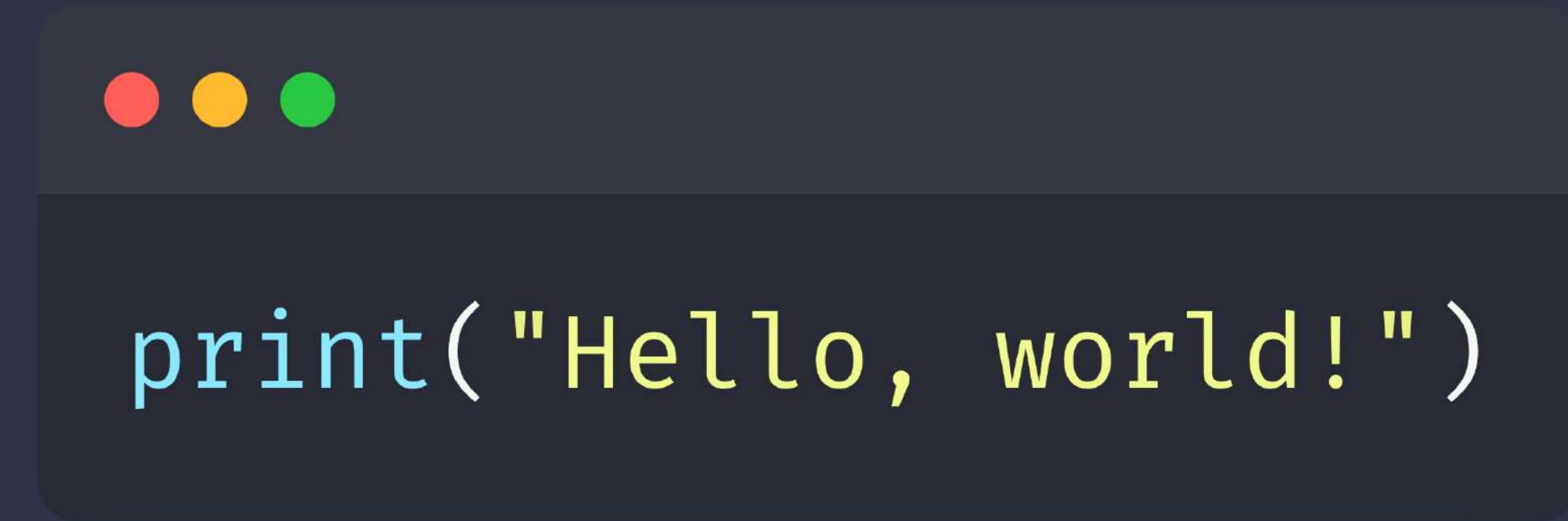
What is the output of the following Python program?

What is the output of the following Python program?



```
print("Hello, world!")
```

What is the output of the following Python program?

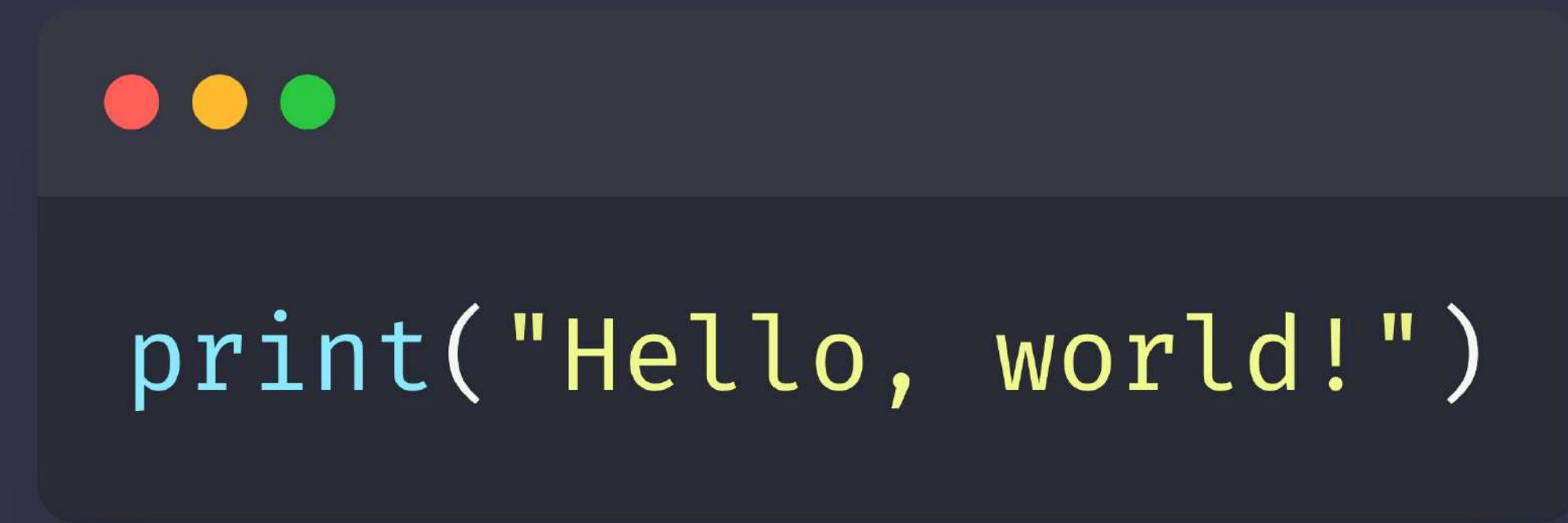


A dark-themed code editor interface is shown, featuring three colored circular icons (red, yellow, green) at the top left. Below them, a snippet of Python code is displayed in a light-colored text area:

```
print("Hello, world!")
```

A) SGVsbG8sIHDvcmxkIQ==

What is the output of the following Python program?

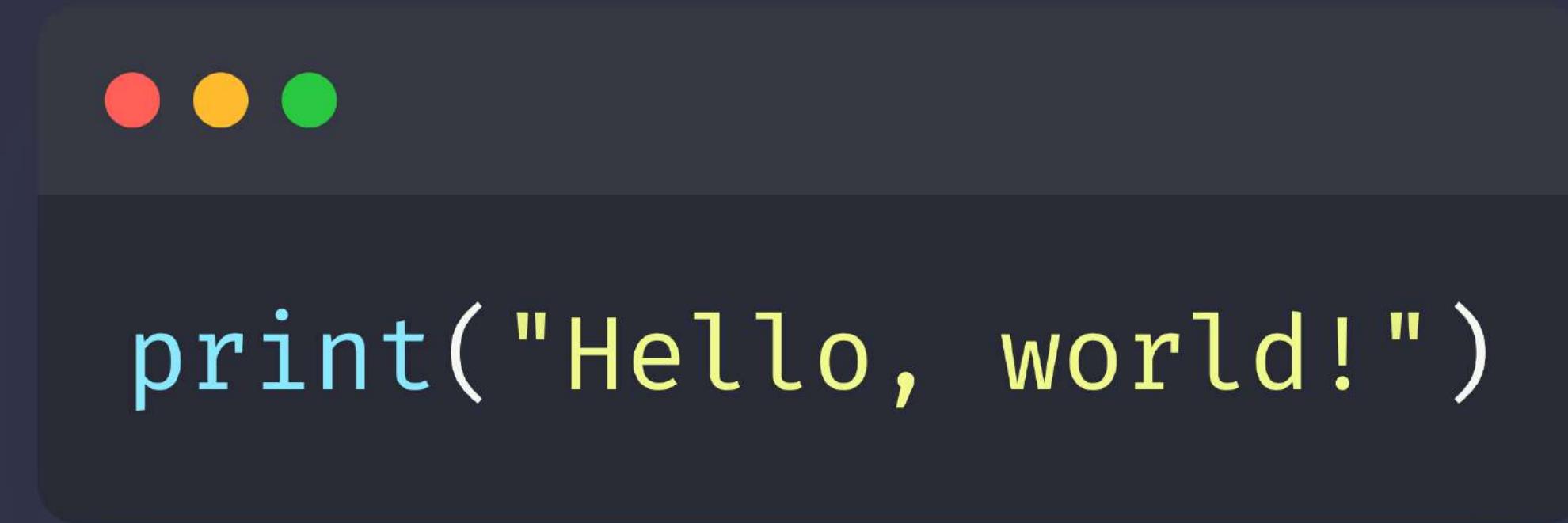


```
print("Hello, world!")
```

A) SGVsbG8sIHdvcmxkIQ==

B) SGVsbG8gd29ybGQh

What is the output of the following Python program?



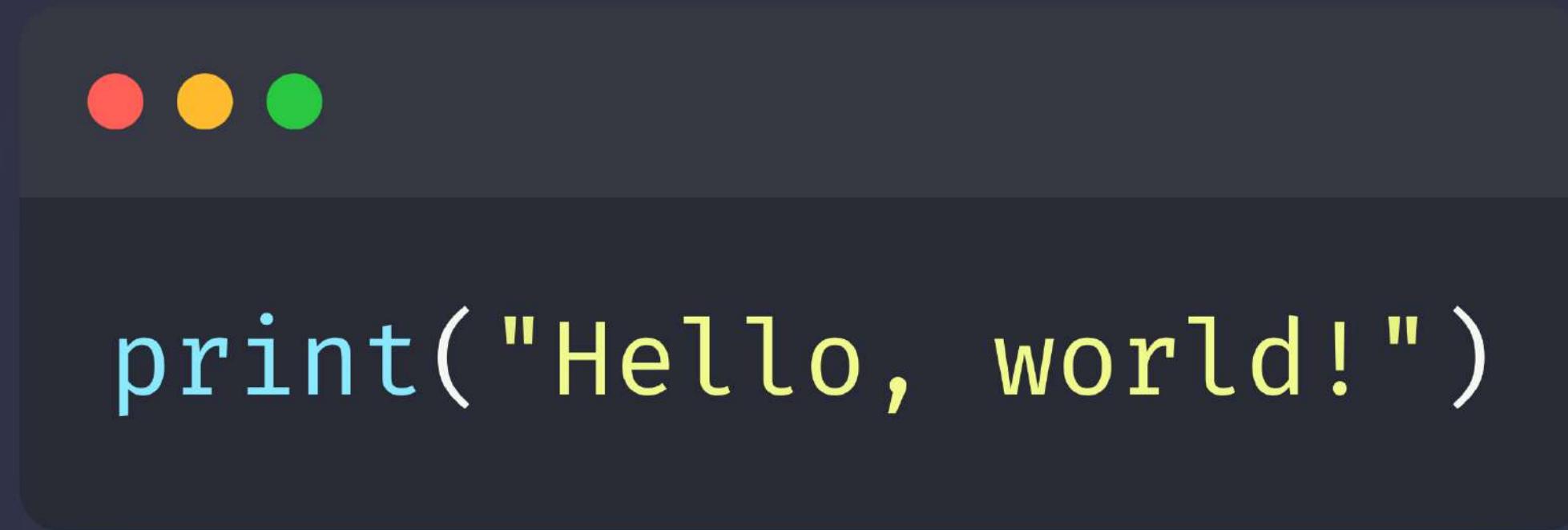
```
print("Hello, world!")
```

A) SGVsbG8sIHdvcmxkIQ==

B) SGVsbG8gd29ybGQh

C) SGVsbG8gd29ybGQ=

What is the output of the following Python program?



```
print("Hello, world!")
```

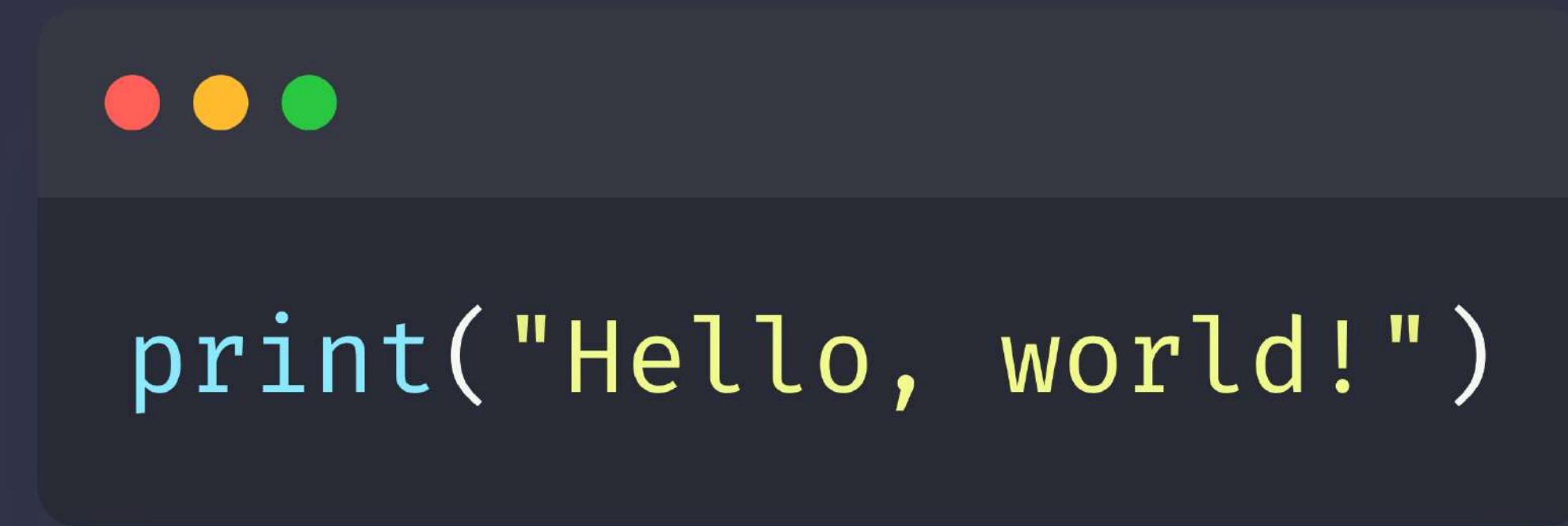
A) SGVsbG8sIHdvcmxkIQ==

B) SGVsbG8gd29ybGQh

C) SGVsbG8gd29ybGQ=

D) SGVsbG8gd29ybGQhIQ==

What is the output of the following Python program?



```
print("Hello, world!")
```

b64

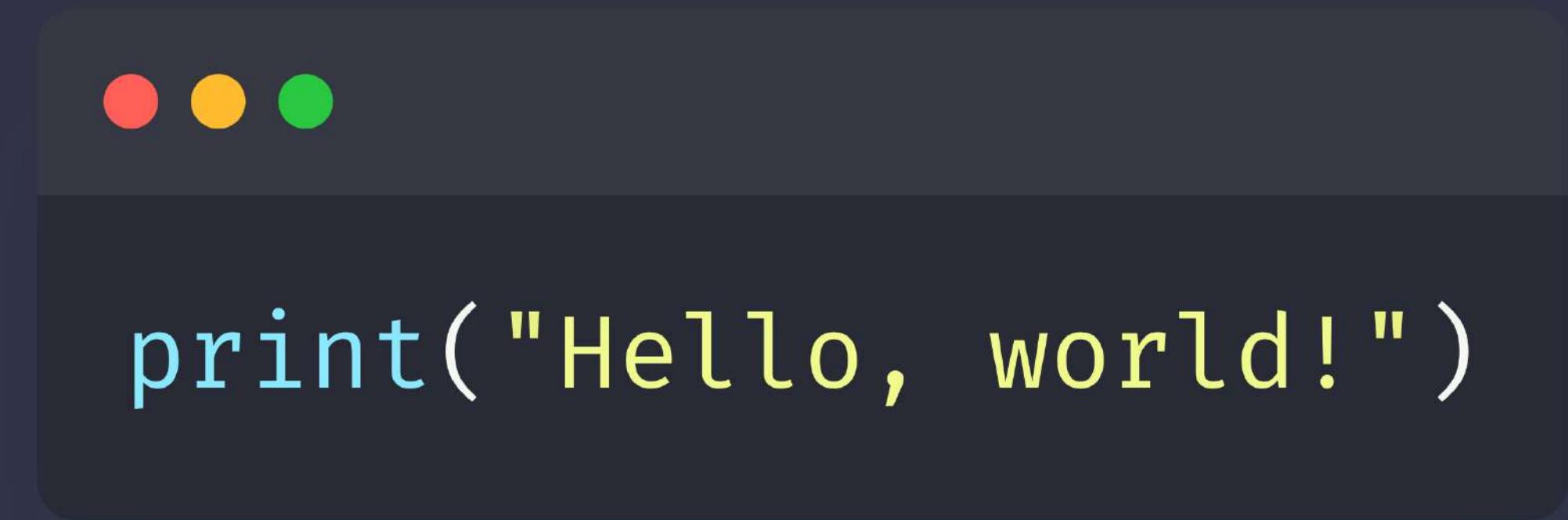
A) SGVsbG8sIHdvcmxkIQ==

B) SGVsbG8gd29ybGQh

C) SGVsbG8gd29ybGQ=

D) SGVsbG8gd29ybGQhIQ==

What is the output of the following Python program?



```
print("Hello, world!")
```



b64

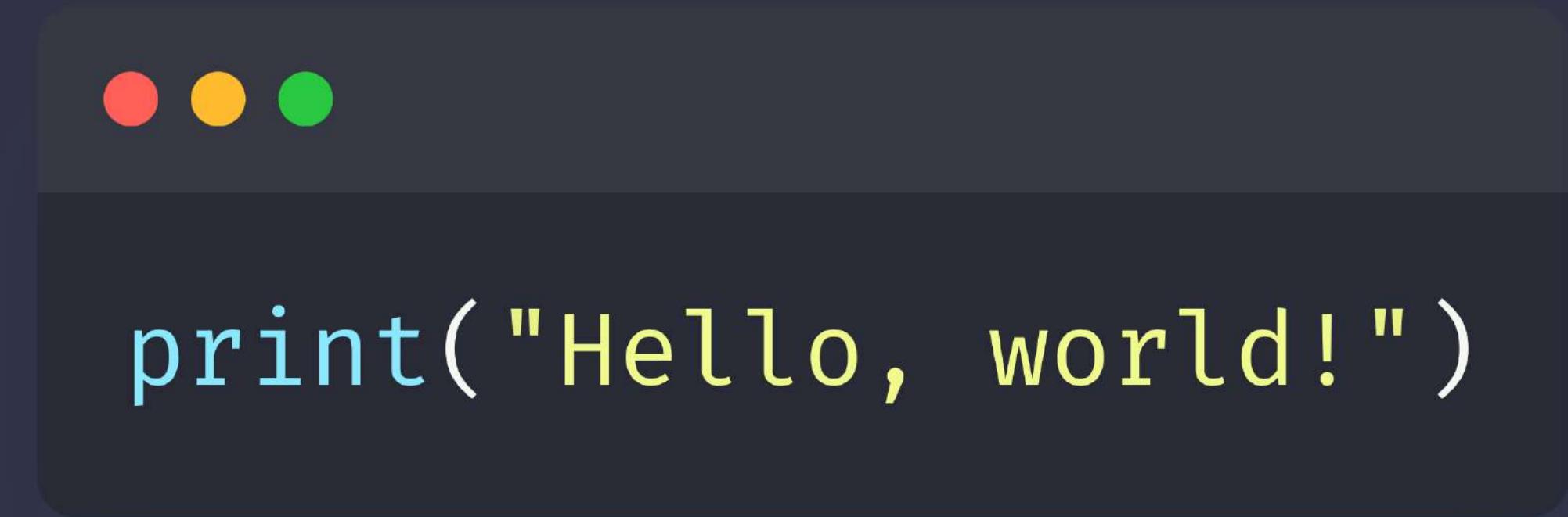
A) Hello, world!

B) Hello world!

C) Hello world

D) Hello world!!

What is the output of the following Python program?



```
print("Hello, world!")
```



b64

A) Hello, world!

B) Hello world!

C) Hello world

D) Hello world!!

Question 2

Mid to senior

How many soft keywords does Python (3.12) have?

How many soft keywords does Python (3.12) have?



How many soft keywords does Python (3.12) have?



A) 0

How many soft keywords does Python (3.12) have?



A) 0

B) 2

How many soft keywords does Python (3.12) have?



A) 0

B) 2

C) 4

How many soft keywords does Python (3.12) have?



A) 0

B) 2

C) 4

D) 8

How many soft keywords does Python (3.12) have?



A) 0

B) 2

C) 4

D) 8

How many soft keywords does Python (3.12) have?



A) 0

B) 2

C) 4

D) 8 A row of eight small, identical blue robot head icons. Each robot has a triangular face with two blue eyes, a small mouth, and a single yellow antenna on top of its head.

How many soft keywords does Python (3.12) have?



A) 0

B) 2

C) 4

D) 8 A row of eight small, blue, stylized robot heads with yellow antennae and orange eyes, arranged horizontally.



Rodrigo 🐍🚀 @mathsppblog · Nov 12, 2023

Promote ...

Do you know how many soft keywords Python 3.12 has?

(A soft keyword is “a keyword you can use as a variable”, roughly.)

The keywords `async` and `await` used to be soft keywords.

Now they're not.

Python 3.12 now has 4 soft keywords:

...

[Show more](#)

3

4

32

10K

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...

[Show more](#)

3

4

32

10K

...



Pablo Galindo Salgado

@pyblogsal

Note you can skip the regex and simply use the keyword module:



docs.python.org

keyword — Testing for Python keywords

Source code: Lib/keyword.py This module allows a Python program to determine if a string is a keyword or soft ...

2:14 PM · Nov 12, 2023 · 1,194 Views



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...

[Show more](#)

3

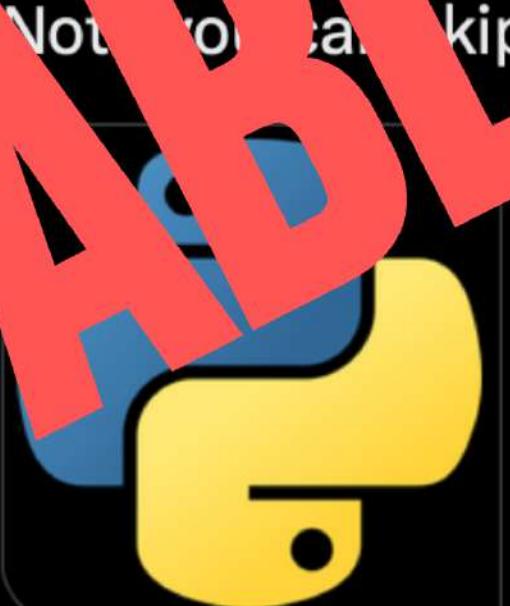
4

10K

...



Pablo Gálvez @pythongal



You can skip the regex and simply use the keyword module:

docs.python.org

`keyword` — Testing for Python keywords

Source code: `Lib/keyword.py` This module allows a Python program to determine if a string is a keyword or soft ...

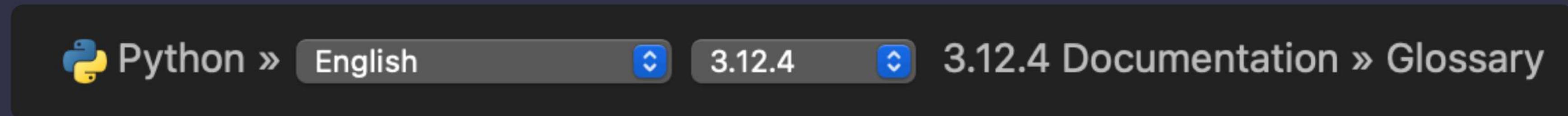
PABLO-APPROVED

2:14 PM · Nov 12, 2023 · 1,194 Views

Question 3

Senior to core dev

How many times does the Python (3.12) docs glossary mention the word dunder?



How many times does the Python (3.12) docs glossary mention the word dunder?



A) 0

How many times does the Python (3.12) docs glossary mention the word dunder?



A) 0

B) 2

How many times does the Python (3.12) docs glossary mention the word dunder?



A) 0

B) 2

C) 15

How many times does the Python (3.12) docs glossary mention the word dunder?



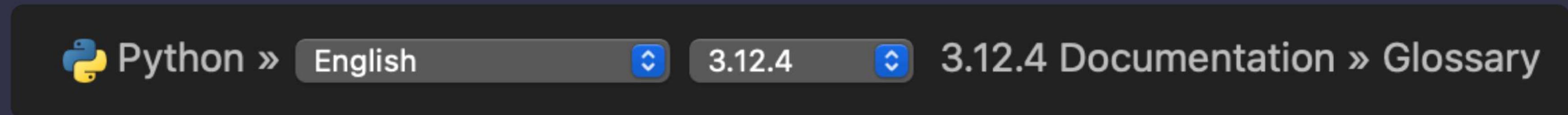
A) 0

B) 2

C) 15

D) 42

How many times does the Python (3.12) docs glossary mention the word dunder?



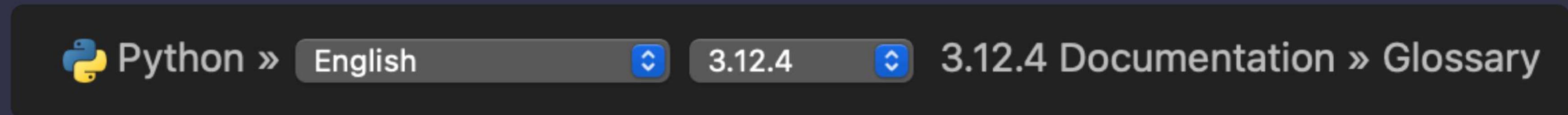
A) 0

B) 2

C) 15

D) 42

How many times does the Python (3.12) docs glossary mention the word dunder?



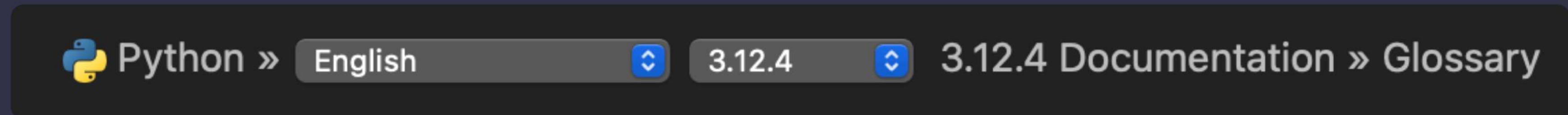
A) 0

B) 2

C) 15

D) 42

How many times does the Python (3.12) docs glossary mention the word dunder?



A) 0

B) 2

C) 15

D) 42

Question 4

Core dev to Guido

What does the following Python 2 code output?

What does the following Python 2 code output?

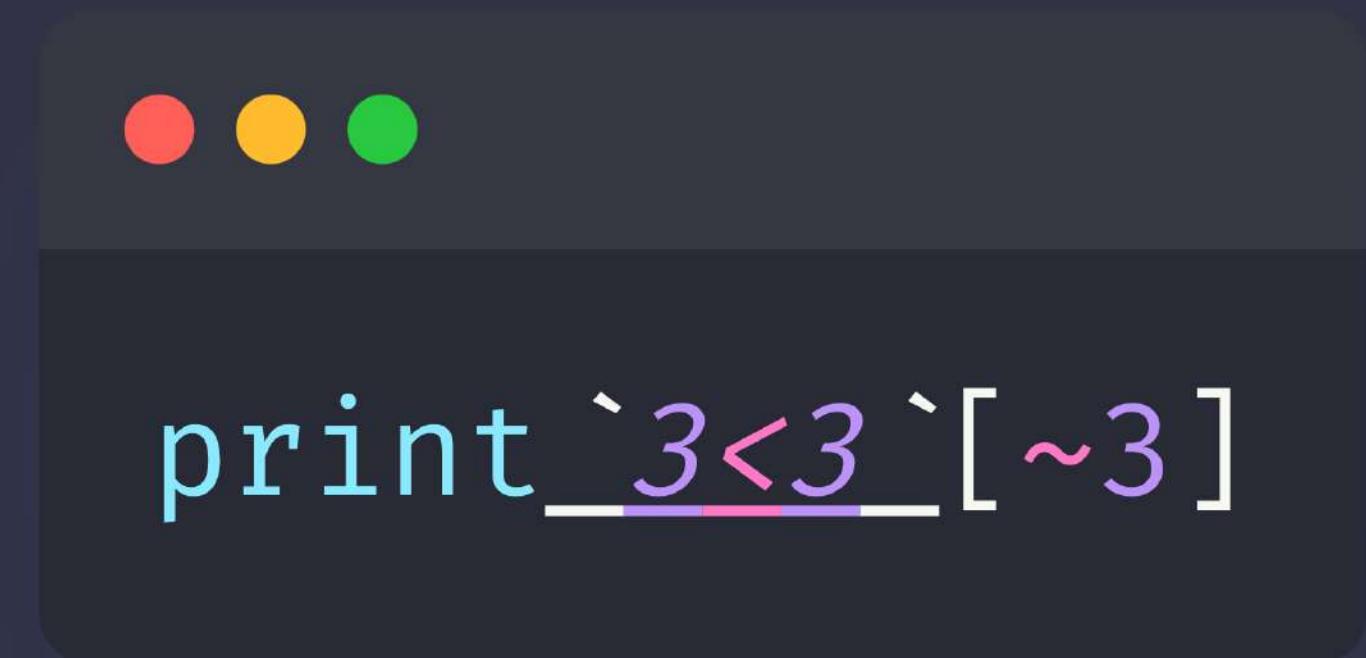


A dark-themed terminal window with three colored status indicators (red, yellow, green) at the top. The main area contains the following Python code:

```
print `3<3`[~3]
```

The code uses backticks to create a string containing a less than sign and a tilde, then prints the third character of that string.

What does the following Python 2 code output?



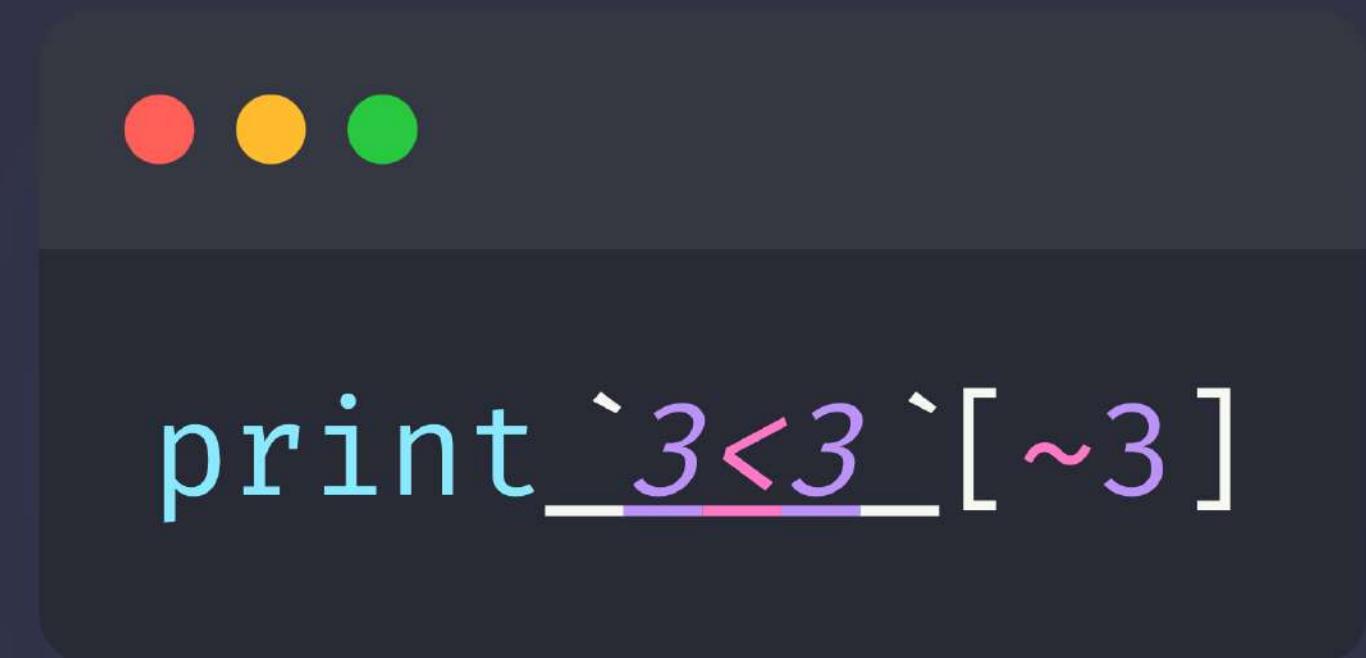
A dark-themed terminal window with three colored dots (red, yellow, green) at the top. The main area contains the following Python code:

```
print `3<3`[~3]
```

The code uses backticks to create a string containing a less-than sign and a tilde, followed by an index expression.

- A) SyntaxError

What does the following Python 2 code output?



A dark-themed terminal window with three colored dots (red, yellow, green) at the top. The main area contains the following Python code:

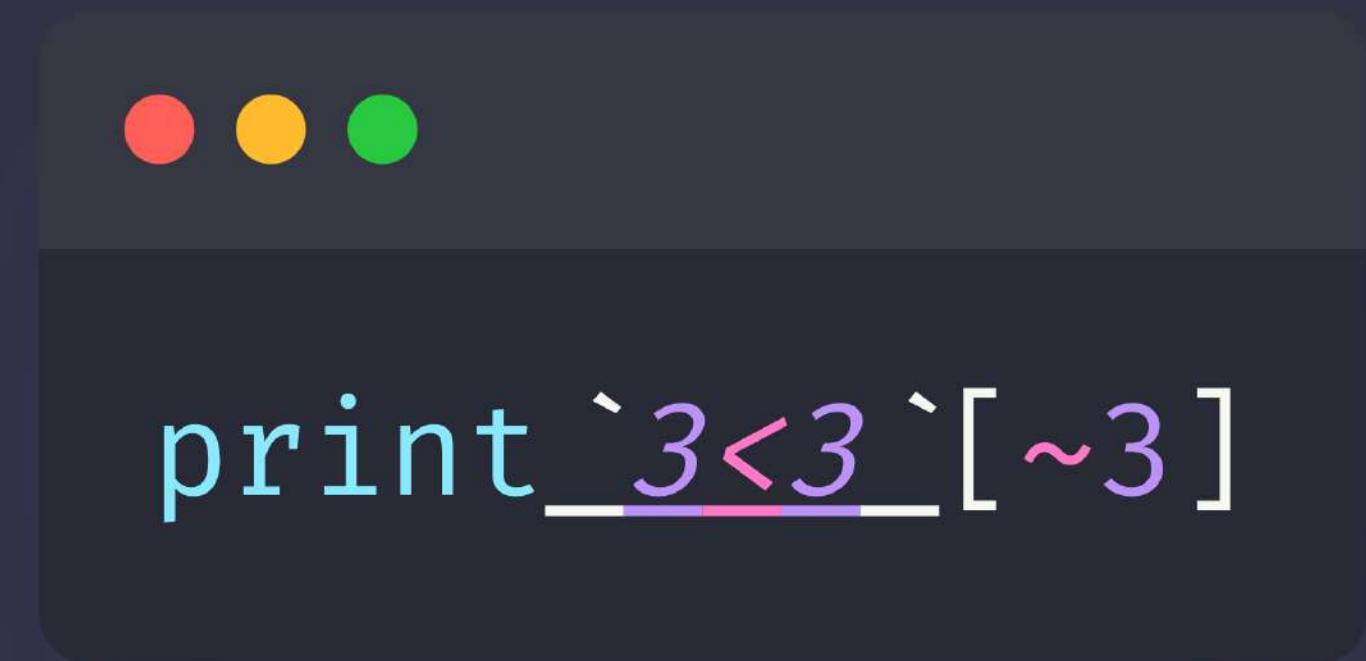
```
print `3<3`[~3]
```

The code uses backticks to create a string containing a less-than operator and a negative slice. In Python 2, this would result in a SyntaxError.

A) SyntaxError

B) 42

What does the following Python 2 code output?



A dark-themed terminal window with three colored dots (red, yellow, green) at the top. The main area contains the following Python code:

```
print `3<3`[~3]
```

The word "print" is in light blue, the backticks are in cyan, and the string content is in magenta. The index "[~3]" is in white.

A) SyntaxError

B) 42

C) 3

What does the following Python 2 code output?



A screenshot of a dark-themed terminal window. At the top, there are three colored dots: red on the left, yellow in the middle, and green on the right. Below the dots, the terminal displays the following Python code:
`print `3<3`[~3]`

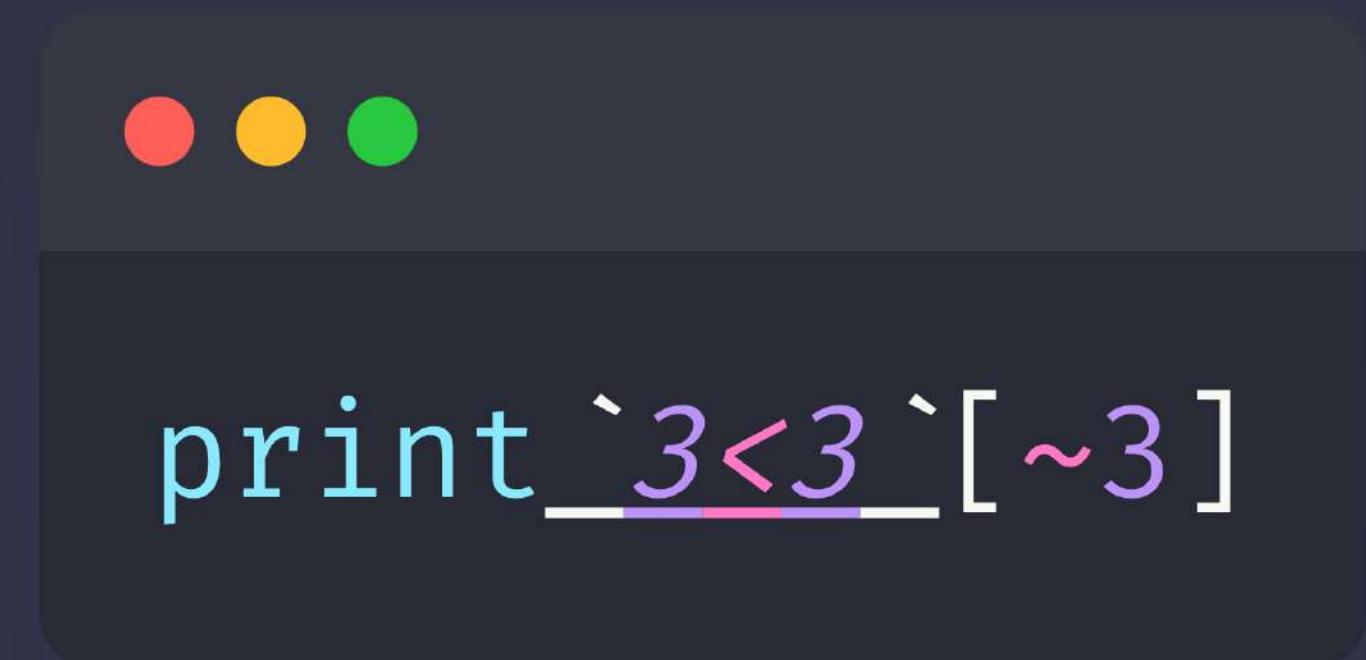
A) SyntaxError

B) 42

C) 3

D) a

What does the following Python 2 code output?



A screenshot of a dark-themed terminal window. At the top, there are three colored window control buttons: red, yellow, and green. The main area of the terminal contains the following Python code:
`print `3<3`[~3]`



A) SyntaxError

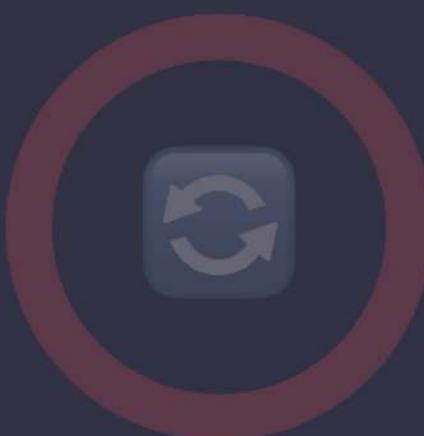
B) 42

C) 3

D) a

What does the following Python 2 code output?

```
print [~3<3~[
```



A) SyntaxError

B) 42

C) 3

D) a

What does the following Python 2 code output?

```
print [~3<3~[
```



A) SyntaxError

B) 42

C) 3

D) a



Rodrigo 🐍🚀

rodrigo@mathspp.com



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