

Finger Exercises Lecture 4

The questions below are due on Wednesday September 21, 2022; 03:00:00 PM.

1) Question 1 of 1

Assume you are given a positive integer variable named `N`. Write a piece of Python code that finds the cube root of `N`. The code prints the cube root if `N` is a perfect cube or it prints `error` if `N` is not a perfect cube. Hint: use a loop that increments a counter -- you decide when the counter should stop.

```
1 | # Write your code here
```

You have infinitely many submissions remaining.

Here is the solution we wrote:

```
i = 1
while i**3 < N:
    i += 1
if i**3 == N:
    print(i)
else:
    print('error')
```

MIT OpenCourseWare
<https://ocw.mit.edu>

6.100L Introduction to CS and Programming Using Python
Fall 2022

For information about citing these materials or our Terms of Use, visit: <https://ocw.mit.edu/terms>