

Python skill check (optional): Beginner Python

Objective: Check your understanding of **functions**, **loops**, **conditionals**, and **lists**.

Architecture: Your code will consist of two modules. This document contains the specification for the second module.

Module 2: `beginner_python_2.py`

Write a function that returns a list of all the prime numbers whose values are lower than that of a given integer. The function signature should be:

`return_primes(number) => list_of_primes`

<code>number</code>	an integer
<code>list_of_primes</code>	a list of all the prime numbers whose values are lower than <code>number</code>
<code>return_primes</code>	the function that returns the list of all primes smaller than <code>number</code>

Your module can contain additional functions, but you must have **`return_primes()`** somewhere in your script.

Requirements: use the function you wrote in `beginner_python_1.py`, but don't copy/paste the code into the `beginner_python_2.py` module. Instead, **`import`** it into `beginner_python_2.py` using the statement

`import beginner_python_1`

Hint: don't forget to include a **`docstring`** in your function. A good resource:

<http://stackoverflow.com/questions/3898572/what-is-the-standard-python-docstring-format>

Once you've completed this exercise, send it to [@yazabi](#) and we'll give you feedback on your code!