

Python. Client Side.

Skulpt is an entirely in-browser implementation of Python.

No preprocessing, plugins, or server-side support required, just write Python and reload.

```
1 import turtle
2
3 t = turtle.Turtle()
4
5 for c in ['red', 'green', 'yellow', 'blue']:
6     t.color(c)
7     t.forward(75)
8     t.left(90)
9
```

Run

[Help](#), or examples: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#). Ctrl-Enter to run.

Clear

The code is run entirely in your browser, so don't feel obligated to "crash the server", you'll only stub your toe.

Interactive:

This is a very cool new feature that is just getting off the ground. This would be a great project to jump in and help out on!

```
Python 2.6(ish) (skulpt, Thu Sep 16 2021 09:07:33 GMT-0400 (Eastern Daylight Time))
[Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko)
Chrome/93.0.4577.63 Safari/537.36] on Win32
```

```
Don't type "help", "copyright", "credits" or "license" unless you've assigned something to them
```

```
>>>
```

What's New?

- Python 3 Grammar. The master branch is now building and running using the grammar for Python 3.7.3. There are still lots of things to implement under the hood, but we have made a huge leap forward in Python 3 compatibility. We will still support Python 2 as an option going forward for projects that rely on it.
- Node JS and Webpack -- We have updated our toolchain for development to use node and webpack.
- Suspensions! This may not mean a lot to you, but trust me its going to be big. Suspensions provide the foundation for the asynchronous execution we need to build an interactive debugger, a smoother turtle module, enhanced urllib and other cool features. For developers you should check out the time module and the suspensions.txt file under doc/.
- Stub implementations of the standard library modules. You will now get an unimplemented exceptions rather than some other file not found error.
- General cleanup and standardization of the code. See the short description of the coding standards in the CONTRIBUTING file
- Loads of bugfixes: [see](#)
- `slice()` function implemented. And improvements to list slicing.
- `string` and `operator` module added.
- Keyword arguments for `sorted()`
- `text()` function in processing