**PyPad**, Python snippets on the go.

Submitted By:

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**Abstract**

A simple web app that allows users to write, run, and save their code online, with minimum dependence on internet connection.

**Technology Stack**

Front End:

* HTML,CSS3 for static elements.
* SemanticUI for UI elements.
* jQuery for API interfacing and data transactions.
* Skulpt.js and Ace.js for in browser python functionality and interactive code editing.

Back End:

* Simple python API built using the Flask micro framework.
* postgreSQL database and hosting on heroku – a cloud PaaS provider.

**Requirements**

Software requirements:

* Web browser : Chrome, Firefox, Internet Explorer or Opera. Latest build preferred.

Hardware requirements:

* PC/Mac with internet connectivity.

**Target Users**

The application is directed at users who need to run small and simple python scripts on the go, inside a browser or on a third party device, in the absence of a trusted device and, or beginners that need a python interpreter but do not have the internet connectivity to download the files.