# Deploy the Polls app to Heroku:

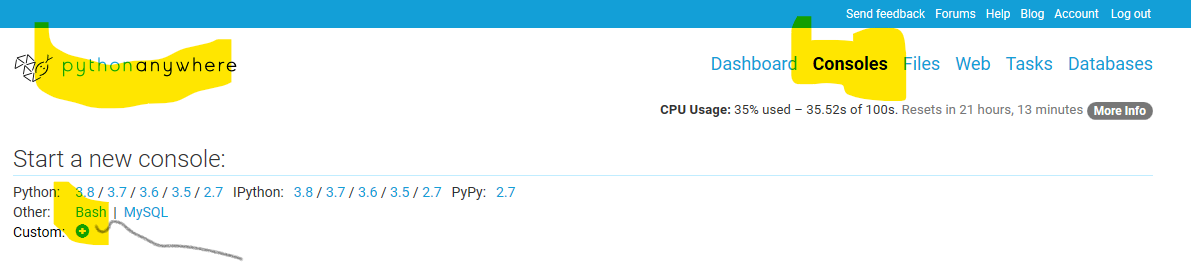
By Marvin, Feb/23/2020

Getting started on Heroku with Python: <https://devcenter.heroku.com/articles/getting-started-with-python#prepare-the-app>

1. Install Heroku CLI
2. Go py\_django2\web\_project (my project folder), and run pip freeze > requirements.txt
3. Push files to github repo: <https://github.com/marvinxu99/py_django2.git>
4. Go to pythonanywhere.com, create a beginner’s account at <https://www.pythonanywhere.com/>

User: winnpy/mxx.2xxx

1. Launch a Bash console from PythonAnywhere



1. Run git clone <https://github.com/marvinxu99/py_django2.git> in Bash
2. run ls to confirm the folder py\_django2 and files are cloned
3. cd py\_python2/web\_project
4. Make a virtual env for the web app (https://help.pythonanywhere.com/pages/Virtualenvs)

$ mkvirtualenv myvirtualenv --python=/usr/bin/python3.8

1. $ which python

/home/winnpy/.virtualenvs/myvirtualenv/bin/python

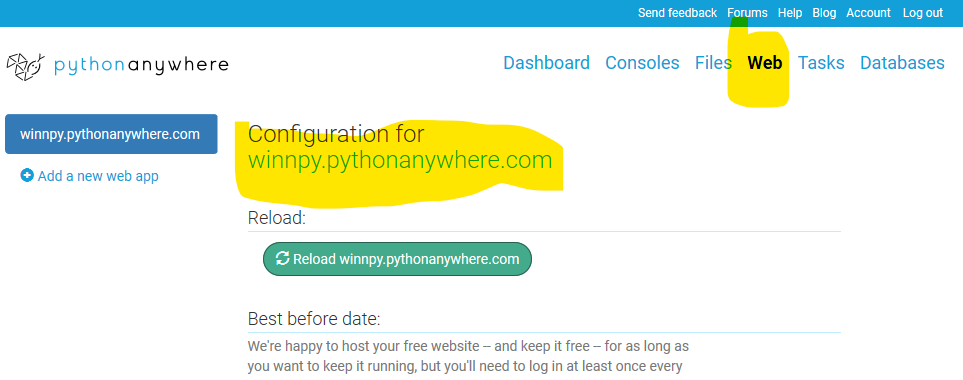
1. $ workon myvirtualenv, to use the venv if needed
2. $ pip install -r requirements.txt . it should install Django 3.0.2 and other packages.
3. $ python manage.py migrate – to create all the sqlite3 database tables needed for auth
4. Ensure the following are set in web\_project\settings.py

DEBUG = False  
STATIC\_ROOT = = os.path.join(BASE\_DIR, 'static\_collected')

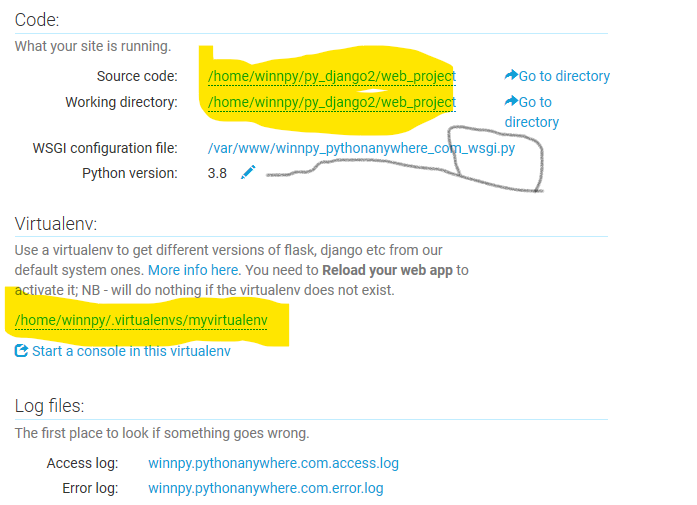
1. collect static files to STATIC\_ROOT:  
   $ python manage.py collectstatic

/home/winnpy/py\_django2/web\_project/static\_collected

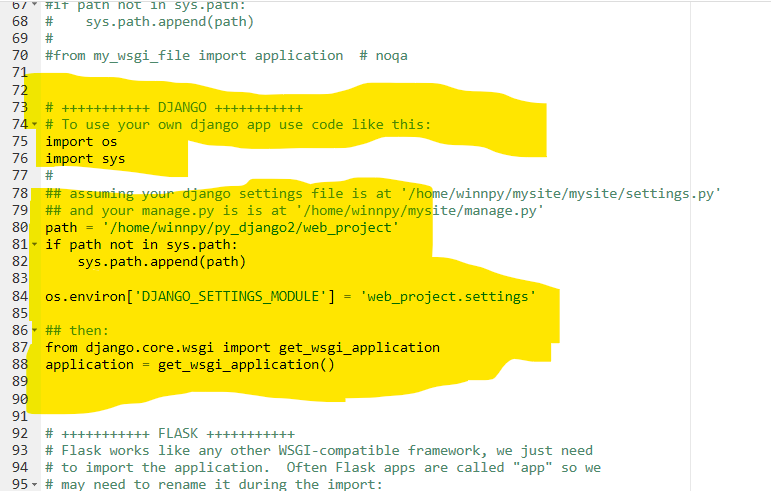
1. $ python manage.py createsuperuser – create super user and other users to create the site
2. Go to pythonanywhere dashboard, and create a new app:



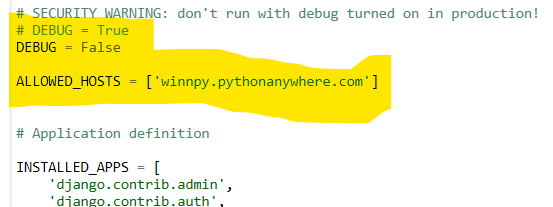
1. Select “Manual configuration” - select python3 + Django
2. Set up the folders information for the app:



1. For the settings in winnpy\_pythonanywhere\_com\_wsgi.py, edit the Django section accordingly, but delete or comment out all other sections.



1. Also edit py\_django2\web\_project\web\_project\settings.py.



1. Reload your app, and open and enjoy it!