First, create a pythonanywhere.com account:
- visit pythonanywhere.com
- create a beginner account

Open a bash console on PythonAnywhere, by selecting "Consoles"

Dashboard Consoles Files Web Tasks Databases

and then "Bash" from the PythonAnywhere menu:

Start a new console:

Python: 3.8 / 3.7 / 3.6 / 3.5 / 2.7 IPython: 3.8 / 3.7 / 3.6 / 3.5 / 2.7 PyPy: 2.7
Other: Bash | MySQL
Custom: ➕

and do:
- python3 -m pip install --user pydal bottle gunicorn gevent threadsafevariable pyjwt yatl tornado pluralize requests
- git clone https://github.com/web2py/py4web.git

Now select the Web menu on PythonAnywhere, and:
- click on web, add a new web app
- create a bottle app
- choose python 3.8
- edit the path to /home/<username>/py4web/bottle_app.py
- create the app

Back in the pythonanywhere bash console:
- cd py4web
- cp deployment_tools/pythonanywhere.com/bottle_app.py .
- edit ~/py4web/bottle_app.py so that it looks like this: (note the import statement and the apps folder):

```
"""
Documented here: https://youtu.be/Wxjl_vkLAEY (Students: do NOT follow the
video; it will lead you to installing a possibly old version of py4web using
pip rather than the new one via git clone)
"""
import os
from py4web.core import wsgi
```

```
# BEGIN CONFIGURATION
PASSWORD_FILENAME = 'password.txt'
DASHBOARD_MODE = 'full' or 'demo' or 'none'
APPS_FOLDER = '/home/<username>/py4web/apps'
# END CONFIGURATION

password_file = os.path.abspath(os.path.join(os.path.dirname(__file__),
PASSWORD_FILENAME))
application = wsgi(password_file=password_file,
                  dashboard_mode=DASHBOARD_MODE,
                  apps_folder=APPS_FOLDER)
```

Start py4web to unzip some of its files via:
- python3 py4web-start.py apps
- (ignore the error, py4web-start.py does not need to keep running)

Then:

- Go to Web (use the three-bar menu on the top right)
- Click on reaload <username>.pythonanywhere.com
- Click on the above link to your app

… and everything should work. You can then visit the dashboard.