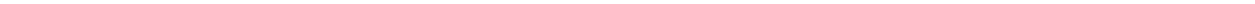


Activities Terminal

```
Sat 15:09  
gabriel@gabriel-Lenovo-920-13IKB:~$ pip3 -V  
pip 9.0.1 from /usr/lib/python3/dist-packages (python 3.6)  
gabriel@gabriel-Lenovo-920-13IKB:~$ pip3 list  
DEPRECATION: The default format will switch to columns in the future. You can use --format=(legacy|columns) (or define a format=(legacy|columns) in your pip.conf under the [list] section) to disable this warning.  
apturl (0.5.2)  
asn1crypto (0.24.0)  
astral (2.2)  
Brlapi (0.6.6)  
certifi (2018.1.18)  
chardet (3.0.4)  
cmdkit-htpasswd (0.3)  
cryptography (2.1.4)  
cupshelpers (1.0)  
dataclasses (0.8)  
defer (1.0.6)  
distro-info (0.18ubuntu0.18.04.1)  
geographiclib (1.52)  
geopandas (0.2.0)  
httpplib (0.9.2)  
idna (2.6)  
keyring (10.6.0)  
keyrings.alt (3.0)  
language-selector (0.1)  
lazr.uri (1.10.6)  
lazr.restfulclient (0.13.5)  
lazr.url (1.0.3)  
louis (3.5.0)  
nacaroonbakery (1.1.3)  
netrc-acme (0.10.4)  
oauthlib (1.0.0)  
olefile (0.45.1)  
pexpect (4.2.1)  
Pillow (5.1.0)  
pip (9.0.3)  
protobuf (3.8.0)  
psutil (5.8.0)  
pycairo (1.16.2)  
pycrypto (2.6.1)  
pycurl (1.9.73)  
pygobject (3.26.1)  
pygments (2.2.0-13.0)  
pyserial (1.1.2)  
pyRFC3339 (1.0)  
python-apt (1.6.5+ubuntu0.5)  
python-dateutil (2.6.1)  
python-debian (0.1.32)  
pytz (2018.4)  
pyxdg (0.25)  
PyYAML (3.12)  
reportlab (3.4.0)  
requests (2.18.4)
```



Activities Terminal

```
Sat 15:09  
gabriel@gabriel-Lenovo-920-13IKB:~$ pip3 install -U setuptools  
Command 'audio' not found, did you mean:  
  command 'sudo' from deb sudo  
  command 'sudo' from deb sudo-ldap  
Try: sudo apt install <deb name>  
gabriel@gabriel-Lenovo-920-13IKB:~$ sudo pip3 install -U setuptools  
[sudo] password for gabriel:  
The directory '/home/gabriel/.cache/pip/http' or its parent directory is not owned by the current user and the cache has been disabled. Please check the permissions and owner of that directory. If executing pip with sudo, you may want sudo's -H flag.  
The directory '/home/gabriel/.cache/pip' or its parent directory is not owned by the current user and caching wheels has been disabled. check the permissions and owner of that directory. If executing pip with su do, you may want sudo's -H flag.  
Collecting setuptools  
  Downloading https://files.pythonhosted.org/packages/b0/3a/88b210db08e56854d0bcf4b38e165e03be377e13907746f825790f3df5bf/setuptools-59.6.0-py3-none-any.whl (952kB)  
    100% |██████████| 962kB 1.3MB/s  
Installing collected packages: setuptools  
  Found existing installation: setuptools 39.0.1  
    Not uninstalling setuptools at /usr/lib/python3/dist-packages, outside environment /usr  
Success: already up-to-date.  
gabriel@gabriel-Lenovo-920-13IKB:~$ sudo pip3 install -U django  
The directory '/home/gabriel/.cache/pip/http' or its parent directory is not owned by the current user and the cache has been disabled. Please check the permissions and owner of that directory. If executing pip with sudo, you may want sudo's -H flag.  
The directory '/home/gabriel/.cache/pip' or its parent directory is not owned by the current user and caching wheels has been disabled. check the permissions and owner of that directory. If executing pip with su do, you may want sudo's -H flag.  
Collecting django  
  Downloading https://files.pythonhosted.org/packages/9c/0e/02b7eff0fac2c25ede489933d4e899f6e6f283ae8eaf5189431057c8d406/Django-3.2.12-py3-none-any.whl (7.9MB)  
    100% |██████████| 7.9MB 197kB/s  
Requirement already up-to-date: pytz in ./local/lib/python3.6/site-packages (from django)  
Collecting sqlparse==0.2.2 (from django)  
  Downloading https://files.pythonhosted.org/packages/05/40/d836d55fb3f467243ee839ab7b814822fd4522cd395fa41e282684e71ee5/sqlparse-0.4.2-py3-none-any.whl (42kB)
```



Sat 15:09 gabriel@gabriel-Lenovo-920-13IKB:~

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File Edit View Search Terminal Help
Collecting asgiref<4,>=3.2 (from django)
  Downloading https://files.pythonhosted.org/packages/fe/60/577f32b54c50dc0d8dec38447258e82ed327ecb6820d67ae7b3dea704f13/asgiref-3.4.1-py3-none-any.whl
Collecting typing_extensions; python_version < "3.8" (from asgiref<4,>=3.2.->django)
  Downloading https://files.pythonhosted.org/packages/45/bd/44f77f8f1e10027cf88956b5bf2fad776cca7e1704396d043f89effd3a0e/typing_extensions-4.1.1-py3-none-any.whl
Installing collected packages: asgiref,sqlparse,typing_extensions,django
Successfully installed asgiref<4,>=3.2.1,sqlparse-0.4.2,typing_extensions-4.1.1
gabriel@gabriel-Lenovo-920-13IKB:~$ sudo pip3 install -U djangorestframework
The directory '/home/gabriel/.cache/pip/http' or its parent directory is not owned by the current user and the cache has been disabled. Please check the permissions and owner of that directory. If executing pip with sudo, you may want sudo's -H flag.
The directory '/home/gabriel/.cache/pip' or its parent directory is not owned by the current user and caching wheels has been disabled. check the permissions and owner of that directory. If executing pip with su do, you may want sudo's -H flag.
Collecting djangorestframework
  Downloading https://files.pythonhosted.org/packages/c8/45/2588c7c5a01a7da6822c6fb9ca731d498c318a803a29ae780ec635ea41/djangorestframework-3.13.1-py3-none-any.whl (958kB)
  100% [██████████] 952K 1.1MB/s
Requirement already up-to-date: pytz in ./local/lib/python3.6/site-packages (from djangorestframework)
Requirement already up-to-date: django==2.2 in /usr/local/lib/python3.6/dist-packages (from djangorestframework)
Requirement already up-to-date: asgiref<4,>=3.2.2 in ./local/lib/python3.6/dist-packages (from djangorestframework)
Requirement already up-to-date: sqlparse==0.4.2 in ./local/lib/python3.6/dist-packages (from Django==2.2->djangorestframework)
Requirement already up-to-date: typing_extensions; python_version < "3.8" in ./local/lib/python3.6/dist-packages (from asgiref<4,>=3.2.2->djangorestframework)
Installing collected packages: djangorestframework
Successfully installed djangorestframework-3.13.1
gabriel@gabriel-Lenovo-920-13IKB:~$ sudo pip3 install -U django-filter
The directory '/home/gabriel/.cache/pip/http' or its parent directory is not owned by the current user and the cache has been disabled. Please check the permissions and owner of that directory. If executing pip with sudo, you may want sudo's -H flag.
The directory '/home/gabriel/.cache/pip' or its parent directory is not owned by the current user and caching wheels has been disabled. check the permissions and owner of that directory. If executing pip with su do, you may want sudo's -H flag.
Collecting django-filter
  Downloading https://files.pythonhosted.org/packages/37/90/9ffbf530e14dbcfa502cd8078cbae9ef805f2088973488be8480c3c28/django_filter-21.1-py3-none-any.whl (81kB)
  100% [██████████] 80K 1.0MB/s
Requirement already up-to-date: Django==2.2 in ./local/lib/python3.6/dist-packages (from django-filter)
Requirement already up-to-date: asgiref<4,>=3.2.2 in ./local/lib/python3.6/dist-packages (from Django==2.2->django-filter)
Requirement already up-to-date: sqlparse==0.4.2 in ./local/lib/python3.6/dist-packages (from Django==2.2->django-filter)
Requirement already up-to-date: pytz in ./local/lib/python3.6/site-packages (from Django==2.2->django-filter)
Requirement already up-to-date: typing_extensions; python_version < "3.8" in ./local/lib/python3.6/dist-packages (from asgiref<4,>=3.2.2->django==2.2->django-filter)
Installing collected packages: django-filter
Successfully installed django-filter-21.1
gabriel@gabriel-Lenovo-920-13IKB:~$ sudo pip3 install -U markdown
The directory '/home/gabriel/.cache/pip/http' or its parent directory is not owned by the current user and the cache has been disabled. Please check the permissions and owner of that directory. If executing pip with sudo, you may want sudo's -H flag.
The directory '/home/gabriel/.cache/pip' or its parent directory is not owned by the current user and caching wheels has been disabled. check the permissions and owner of that directory. If executing pip with su do, you may want sudo's -H flag.
Collecting markdown
  Downloading https://files.pythonhosted.org/packages/9f/d4/2c7f83915d437736996b2674300c6c4b578a6f897f34e40f5c04db146719/Markdown-3.3.0-py3-none-any.whl (97kB)
  100% [██████████] 162K 2.0MB/s
Collecting importlib-metadata==4.4; python_version < "3.10" (from markdown)
  Downloading https://files.pythonhosted.org/packages/a0/a1/b153a04ca7a7e3f15c2d56c7702e2cf3d89b1b359df1c5e595d9d8f4ce/importlib_metadata-4.4.0-py3-none-any.whl
Collecting zipp==3.6.0; python_version < "3.10" (from markdown)
  Downloading https://files.pythonhosted.org/packages/bd/fd/44a497443e3957fd1cfa7a08236d7fffe428dd85f074bf64876f8ebad/zipp-3.6.0-py3-none-any.whl
Requirement already up-to-date: typing_extensions<3.6.4; python_version < "3.8" in ./local/lib/python3.6/dist-packages (from importlib-metadata==4.4; python_version < "3.10"->markdown)
Installing collected packages: zipp, importlib-metadata, markdown
Successfully installed importlib-metadata-4.4.0.3 markdown-3.3.0 zipp-3.6.0
gabriel@gabriel-Lenovo-920-13IKB:~$ sudo pip3 install -U requests

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Sat 15:09 gabriel@gabriel-Lenovo-920-13IKB:~

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File Edit View Search Terminal Help
Requirement already up-to-date: asgiref<4,>=3.2.2 in ./local/lib/python3.6/dist-packages (from Django==2.2->django-filter)
Requirement already up-to-date: sqlparse==0.4.2 in ./local/lib/python3.6/dist-packages (from Django==2.2->django-filter)
Requirement already up-to-date: pytz in ./local/lib/python3.6/dist-packages (from Django==2.2->django-filter)
Requirement already up-to-date: asgiref<4,>=3.2.2->django-filter
Requirement already up-to-date: typing_extensions; python_version < "3.8" in ./local/lib/python3.6/dist-packages (from asgiref<4,>=3.2.2->django-filter)
Installing collected packages: django-filter
Successfully installed django-filter-21.1
gabriel@gabriel-Lenovo-920-13IKB:~$ sudo pip3 install -U markdown
The directory '/home/gabriel/.cache/pip/http' or its parent directory is not owned by the current user and the cache has been disabled. Please check the permissions and owner of that directory. If executing pip with sudo, you may want sudo's -H flag.
The directory '/home/gabriel/.cache/pip' or its parent directory is not owned by the current user and caching wheels has been disabled. check the permissions and owner of that directory. If executing pip with su do, you may want sudo's -H flag.
Collecting markdown
  Downloading https://files.pythonhosted.org/packages/9f/d4/2c7f83915d437736996b2674300c6c4b578a6f897f34e40f5c04db146719/Markdown-3.3.0-py3-none-any.whl (97kB)
  100% [██████████] 162K 2.0MB/s
Collecting importlib-metadata==4.4; python_version < "3.10" (from markdown)
  Downloading https://files.pythonhosted.org/packages/a0/a1/b153a04ca7a7e3f15c2d56c7702e2cf3d89b1b359df1c5e595d9d8f4ce/importlib_metadata-4.4.0-py3-none-any.whl
Collecting zipp==3.6.0; python_version < "3.10" (from markdown)
  Downloading https://files.pythonhosted.org/packages/bd/fd/44a497443e3957fd1cfa7a08236d7fffe428dd85f074bf64876f8ebad/zipp-3.6.0-py3-none-any.whl
Requirement already up-to-date: typing_extensions<3.6.4; python_version < "3.8" in ./local/lib/python3.6/dist-packages (from importlib-metadata==4.4; python_version < "3.10"->markdown)
Installing collected packages: zipp, importlib-metadata, markdown
Successfully installed importlib-metadata-4.4.0.3 markdown-3.3.0 zipp-3.6.0
gabriel@gabriel-Lenovo-920-13IKB:~$ sudo pip3 install -U requests
The directory '/home/gabriel/.cache/pip/http' or its parent directory is not owned by the current user and the cache has been disabled. Please check the permissions and owner of that directory. If executing pip with sudo, you may want sudo's -H flag.
The directory '/home/gabriel/.cache/pip' or its parent directory is not owned by the current user and caching wheels has been disabled. check the permissions and owner of that directory. If executing pip with su do, you may want sudo's -H flag.
Collecting requests
  Downloading https://files.pythonhosted.org/packages/2d/61/08076519c80041bc0ffa18af0cbd3bf3e2b62af1043d269a9d0f40564d/requests-2.27.1-py2.py3-none-any.whl (63kB)
  100% [██████████] 71K 1.4MB/s
Collecting charset-normalizer==2.0.8; python_version < "3" (from requests)
  Downloading https://files.pythonhosted.org/packages/0d/b3/24afcc8808eaba097ff03650ac750a778862dc34941a4beb58706715726/charset_normalizer-2.0.12-py3-none-any.whl
Collecting urllib3<1.27,>=1.21.1 (from requests)
  Downloading https://files.pythonhosted.org/packages/4e/88/f525b2e803f0578e608aa3b3a701bb37858ec08e0a150bd72dcf1b1/urllib3-1.26.8-py2.py3-none-any.whl (138kB)
  100% [██████████] 143K 2.0MB/s
Collecting idna<4,>=2.5; python_version >= "3" (from requests)
  Downloading https://files.pythonhosted.org/packages/04/02/d918bcd22354d8958fe113e1a3630137e0fc8b44859ade3063982eacd2a4/idna-3.3-py3-none-any.whl (61kB)
  100% [██████████] 153K 4.0MB/s
Installing collected packages: charset-normalizer, urllib3, idna, certifi, requests
  Found existing installation: idna 2.6
    Not uninstalling idna at /usr/lib/python3/dist-packages, outside environment /usr
  Found existing installation: certifi 2018.1.18
    Not uninstalling certifi at /usr/lib/python3/dist-packages, outside environment /usr
  Found existing installation: requests 2.27.1
    Not uninstalling requests at /usr/lib/python3/dist-packages, outside environment /usr
Successfully installed certifi-2021.10.8 charset-normalizer-2.0.12 idna-3.3 requests-2.27.1 urllib3-1.26.8
gabriel@gabriel-Lenovo-920-13IKB:~$ 
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Activities Terminal Sat 15:13 gabriel@gabriel-Lenovo-920-13IKB: ~
File Edit View Search Terminal Help
Downloading https://files.pythonhosted.org/packages/37/45/946c02767aab873146011e665728b600884cdfe70dde973c640e45b775/certifi-2021.10.8-py3-none-any.whl (149k)
  100% [██████████] | 153kB 4.0MB/s
Installing collected packages: charset-normalizer, urllib3, ldna, certifi, requests
  Found existing installation: urllib3 1.22
    Not uninstalling urllib3 at /usr/lib/python3/dist-packages, outside environment /usr
  Found existing installation: ldna 2.0
    Not uninstalling ldna at /usr/lib/python3/dist-packages, outside environment /usr
  Found existing installation: certifi 2018.1.18
    Not uninstalling certifi at /usr/lib/python3/dist-packages, outside environment /usr
  Found existing installation: requests 2.18.4
    Not uninstalling requests at /usr/lib/python3/dist-packages, outside environment /usr
Successfully installed charset-normalizer-2.0.12 ldna-3.3 requests-2.27.1 urllib3-1.26.8
gabriel@gabriel-Lenovo-920-13IKB: $ sudo apt update
Hit:1 http://us.archive.ubuntu.com/ubuntu bionic InRelease
Get:2 http://us.archive.ubuntu.com/ubuntu bionic-updates InRelease [88.7 kB]
Hit:3 http://dl.google.com/linux/chrome/deb stable InRelease
Get:4 http://us.archive.ubuntu.com/ubuntu bionic-backports InRelease [74.6 kB]
Hit:5 http://ppa.launchpad.net/elementary-os/stable InRelease
Get:6 http://ppa.launchpad.net/fingerprint/fprint/ubuntu bionic InRelease
Hit:7 http://ppa.launchpad.net/naarten-baert/simoleescreenrecorder/ubuntu bionic InRelease
Hit:8 http://ppa.launchpad.net/oltr/racket/ubuntu bionic InRelease
Hit:9 http://ppa.launchpad.net/ubuntugis/pqa/ubuntu bionic InRelease
Hit:10 http://ppa.launchpad.net/ubuntugis/pqa/ubuntu bionic InRelease
Reading package lists... Done
Reading package lists... Done
Building dependency tree
Building dependency tree
Reading state information... Done
Reading state information... Done
206 packages can be upgraded. Run 'apt list --upgradable' to see them.
gabriel@gabriel-Lenovo-920-13IKB: $ sudo apt install mariadb-server mariadb-client
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  galera-3 gawk libbluetooth-dev libconfig-inifiles-perl libdbd-mysql-perl libdbi-perl
  libhtml-template-perl libjemalloc1 libterm-readkey-perl mariadb-client-10.1
  mariadb-client-core-10.1 mariadb-common mariadb-server mariadb-server-10.1
  mariadb-server-core-10.1 socat
Suggested packages:
  gawk-doc libltdl-perl libnet-dragonfly-perl libsql-statement-perl
  libipc-sharedcache-perl mailx mariadb-test tinyca
The following NEW packages will be installed:
  galera-3 gawk libbluetooth-dev libconfig-inifiles-perl libdbd-mysql-perl libdbi-perl
  libhtml-template-perl libjemalloc1 libterm-readkey-perl mariadb-client-10.1
  mariadb-client-10.1 mariadb-client-core-10.1 mariadb-common mariadb-server
  mariadb-server-10.1 mariadb-server-core-10.1 socat
0 upgraded, 17 newly installed, 0 to remove and 206 not upgraded.
Need to get 23.4 MB of archives.
After this operation, 98.0 MB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://us.archive.ubuntu.com/ubuntu bionic/main amd64 gawk amd64 1:4.1.4+dfsg-1build1 [401 kB]
Get:2 http://us.archive.ubuntu.com/ubuntu bionic-updates/universe amd64 mariadb-common all 1:10.1.48-0ubuntu0.18.04.1 [16.1 kB]
Get:3 http://us.archive.ubuntu.com/ubuntu bionic/universe amd64 galera-3 amd64 25.3.20-1 [947 kB]
G

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Activities Terminal Sat 15:13 gabriel@gabriel-Lenovo-920-13IKB: ~
File Edit View Search Terminal Help
Created symlink /etc/systemd/system/mysql.service → /lib/systemd/system/mariadb.service.
Created symlink /etc/systemd/system/mysqld.service → /lib/systemd/system/mariadb.service.
Created symlink /etc/systemd/system/multi-user.target.wants/mariadb.service → /lib/systemd/system/mariadb.service.
Setting up mariadb-client (1:10.1.48-0ubuntu0.18.04.1) ...
Processing triggers for libc-bin (2.31-0ubuntu9.50) ...
Processing triggers for ureadahead (0.100.0-21) ...
gabriel@gabriel-Lenovo-920-13IKB: $ sudo apt install python3-mysqldb
Reading package lists... Done
Building dependency tree
Reading state information... Done
Suggested packages:
  python-eginx-xdatetime python3-mysqldb-dbg
The following NEW packages will be installed:
  python3-mysqldb
0 upgraded, 1 newly installed, 0 to remove and 206 not upgraded.
Need to get 46.0 kB of archives.
After this operation, 183 kB of additional disk space will be used.
Get:1 http://us.archive.ubuntu.com/ubuntu bionic/main amd64 python3-mysqldb amd64 1.3.10-1build1 [46.0 kB]
Fetched 46.0 kB in 0s (273 kB/s)
Selecting previously unselected package python3-mysqldb.
(Reading database ... 23600 files and directories currently installed.)
Preparing to unpack .../python3-mysqldb_1.3.10-1build1_amd64.deb ...
Unpacking python3-mysqldb (1.3.10-1build1) ...
Setting up python3-mysqldb (1.3.10-1build1) ...
gabriel@gabriel-Lenovo-920-13IKB: $ sudo pip3 install -U mysqlclient
The directory '/home/gabriel/.cache/pip/http' or its parent directory is not owned by the current user and the cache has been disabled. Please check the permissions and owner of that directory. If executing pip with root privileges, it is recommended to run pip with --no-cache-dir so that temporary downloaded files are not saved.
The directory '/home/gabriel/.cache/pip/_hashes' or its parent directory is not owned by the current user and caching wheels has been disabled. check the permissions and owner of that directory. If executing pip with su do you want sudo's -H flag.
Collecting mysqlclient
  Downloading https://files.pythonhosted.org/packages/de/79/d02be3cb942afda6c99ca207858847572e38146eb73a7c4bfe70dbf154626/mysqlclient-2.1.0.tar.gz (87kB)
  100% [██████████] | 92kB 2.3MB/s
  error: subprocess-exited-with-error
    |
    |   command: python setup.py egg_info
    |   cwd: /tmp/pip-build-tecytgyl/mysqlclient
    |   error:
    |     Traceback (most recent call last):
    |       File "<string>", line 1, in <module>
    |         File "/tmp/pip-build-tecytgyl/mysqlclient/setup.py", line 15, in <module>
    |           metadata, options = get_config()
    |             File "/tmp/pip-build-tecytgyl/mysqlclient/setup_posix.py", line 70, in get_config
    |               libs = mysql_config("libs")
    |             raise OSError('not found'.format(_mysql_config_path))
    |             OSError: mysql_config not found
    |             mysql_config --version
    |             mariadb config --version
    |             mysql_config --libs
    |
    |           Command "python setup.py egg_info" failed with error code 1 in /tmp/pip-build-tecytgyl/mysqlclient/
G
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Sat 15:14 gabriel@gabriel-Lenovo-920-13IKB: ~

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File Edit View Search Terminal Help
Command 'python setup.py egg_info' failed with error code 1 in /tmp/pip-build-tecytql/mysqlclient/
gabriel@gabriel-Lenovo-920-13IKB: $ sudo apt-get install python-dev default-libmysqlclient-dev
Reading package lists... Done
Building dependency tree...
Reading state information... Done
python-dev is already the newest version (2.7.15-rc1-1).
python-dev set to manually installed.
The following additional packages will be installed:
  libmysqlclient-dev libmysqlclient20 libssl-dev libssl1.1
Suggested packages:
  libssl-doc
The following NEW packages will be installed:
  default-libmysqlclient-dev libmysqlclient-dev libssl-dev
The following packages will be upgraded:
  libmysqlclient0 libssl1.1
2 upgraded, 3 newly installed, 0 to remove and 204 not upgraded.
Need to get 3,893 kB/4,582 kB of archives.
After this operation, 14,3 MB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://us.archive.ubuntu.com/ubuntu bionic-updates/main amd64 libssl1.1 amd64 1.1.1-1ubuntu2.1-18.04.14 [1,302 kB]
Get:2 http://us.archive.ubuntu.com/ubuntu bionic-updates/main amd64 libssl1.1 amd64 1.1.1-1ubuntu2.1-18.04.14 [1,568 kB]
Get:3 http://us.archive.ubuntu.com/ubuntu bionic-updates/main amd64 libmysqlclient-dev amd64 5.7.37-0ubuntu0.18.04.1 [1,619 kB]
Get:4 http://us.archive.ubuntu.com/ubuntu bionic/main amd64 default-libmysqlclient-dev amd64 1.0.4 [3,736 kB]
Fetched 3,893 kB in 5s (5,696 kB/s)
Preconfiguring packages...
(Reading database ... 2,6714 files and directories currently installed.)
Preparing to unpack .../libssl1.1_1.1.1-1ubuntu2.1-18.04.14_amd64.deb ...
Unpacking libssl1.1:amd64 (1.1.1-1ubuntu2.1-18.04.14) over (1.1.1-1ubuntu2.1-18.04.13) ...
Preparing to unpack .../libmysqlclient20_5.7.37-0ubuntu0.18.04.1_amd64.deb ...
Unpacking libmysqlclient20:amd64 (5.7.37-0ubuntu0.18.04.1) over (5.7.36-0ubuntu0.18.04.1) ...
Selecting previously unselected package libssl1.1:amd64 ...
Preparing to unpack .../libssl1.1_1.1.1-1ubuntu2.1-18.04.14_amd64.deb ...
Unpacking libssl1.1:dev:amd64 (1.1.1-1ubuntu2.1-18.04.14) ...
Selecting previously unselected package libmysqlclient-dev ...
Preparing to unpack .../libmysqlclient-dev_5.7.37-0ubuntu0.18.04.1_amd64.deb ...
Unpacking libmysqlclient-dev (5.7.37-0ubuntu0.18.04.1) ...
Selecting previously unselected package libmysqlclient-dev:amd64 ...
Preparing to unpack .../default-libmysqlclient-dev_1.0.4_amd64.deb ...
Unpacking default-libmysqlclient-dev:amd64 (1.0.4) ...
Processing triggers for liblc-bin (2.27-3ubuntu1.2) ...
Setting up libssl1.1:amd64 (1.1.1-1ubuntu2.1-18.04.14) ...
Processing triggers for man-db (2.8.3-2ubuntu0.1) ...
Setting up libmysqlclient20:amd64 (5.7.37-0ubuntu0.18.04.1) ...
Setting up libssl1.1:dev (1.1.1-1ubuntu2.1-18.04.14) ...
Setting up libmysqlclient-dev (5.7.37-0ubuntu0.18.04.1) ...
Setting up default-libmysqlclient-dev:amd64 (1.0.4) ...
Processing triggers for liblc-bin (2.27-3ubuntu1.2) ...
gabriel@gabriel-Lenovo-920-13IKB: $ sudo pip3 install -U mysqlclient
The directory '/home/gabriel/.cache/pip/http' or its parent directory is not owned by the current user and the cache has been disabled. Please check the permissions and owner of that directory. If executing pip with sudo, you may want sudo's -H flag.
The directory '/home/gabriel/.cache/pip' or its parent directory is not owned by the current user and caching wheels has been disabled. check the permissions and owner of that directory. If executing pip with su do, you may want su's -H flag.
Collecting mysqlclient
  Downloading https://files.pythonhosted.org/packages/79/d02be3cb942afda6c99ca20785847572e38140eb73a7c4bfef154626/mysqlclient-2.1.0.tar.gz (87kB)
  100% [██████████] 92kB 1.9MB/s
Installing collected packages: mysqlclient
  Found existing installation: mysqlclient 1.3.10
    Not uninstalling mysqlclient at /usr/lib/python3/dist-packages, outside environment /usr
      Running setup.py install for mysqlclient ... done
  Successfully installed mysqlclient-2.1.0
gabriel@gabriel-Lenovo-920-13IKB: $ sudo mysql_secure_installation

NOTE: RUNNING ALL PARTS OF THIS SCRIPT IS RECOMMENDED FOR ALL MariaDB
      SERVERS IN PRODUCTION USE!  PLEASE READ EACH STEP CAREFULLY!

In order to log into MariaDB to secure it, we'll need the current
password for the root user.  If you've just installed MariaDB, and
you haven't set the root password yet, the password will be blank,
so you should just press enter here.

Enter current password for root (enter for none):
OK, successfully used password, moving on..

Setting the root password ensures that nobody can log into the MariaDB
root user without the proper authorisation.

You already have a root password set, so you can safely answer 'n'.

Change the root password? [Y/n] n
... skipping.

By default, a MariaDB installation has an anonymous user, allowing anyone
to log into MariaDB without having to have a user account created for
them.  This is intended only for testing, and to make the installation
go a bit smoother. You should remove them before moving into a
production environment.

Remove anonymous users? [Y/n] y
... Success!

Normally, root should only be allowed to connect from 'localhost'. This
ensures that someone cannot guess at the root password from the network.

Disallow root login remotely? [Y/n] y
... Success!
```

Activities Terminal Sat 15:17 gabriel@gabriel-Lenovo-920-13IKB: ~

```
File Edit View Search Terminal Help
so you should just press enter here.

Enter current password for root (enter for none):
OK, successfully used password, moving on...

Setting the root password ensures that nobody can log into the MariaDB
root user without the proper authorisation.

You already have a root password set, so you can safely answer 'n'.

Change the root password? [Y/n] n
... skipping.

By default, a MariaDB installation has an anonymous user, allowing anyone
to log into MariaDB without having to have a user account created for
them. This is intended only for testing, and to make the installation
go a bit smoother. You should remove them before moving into a
production environment.

Remove anonymous users? [Y/n] y
... Success!

Normally, root should only be allowed to connect from 'localhost'. This
ensures that someone cannot guess at the root password from the network.

Disallow root login remotely? [Y/n] y
... Success!

By default, MariaDB comes with a database named 'test' that anyone can
access. This is also intended only for testing, and should be removed
before moving into a production environment.

Remove test database and access to it? [Y/n] y
- Dropping test database...
... Success!
- Removing privileges on test database...
... Success!

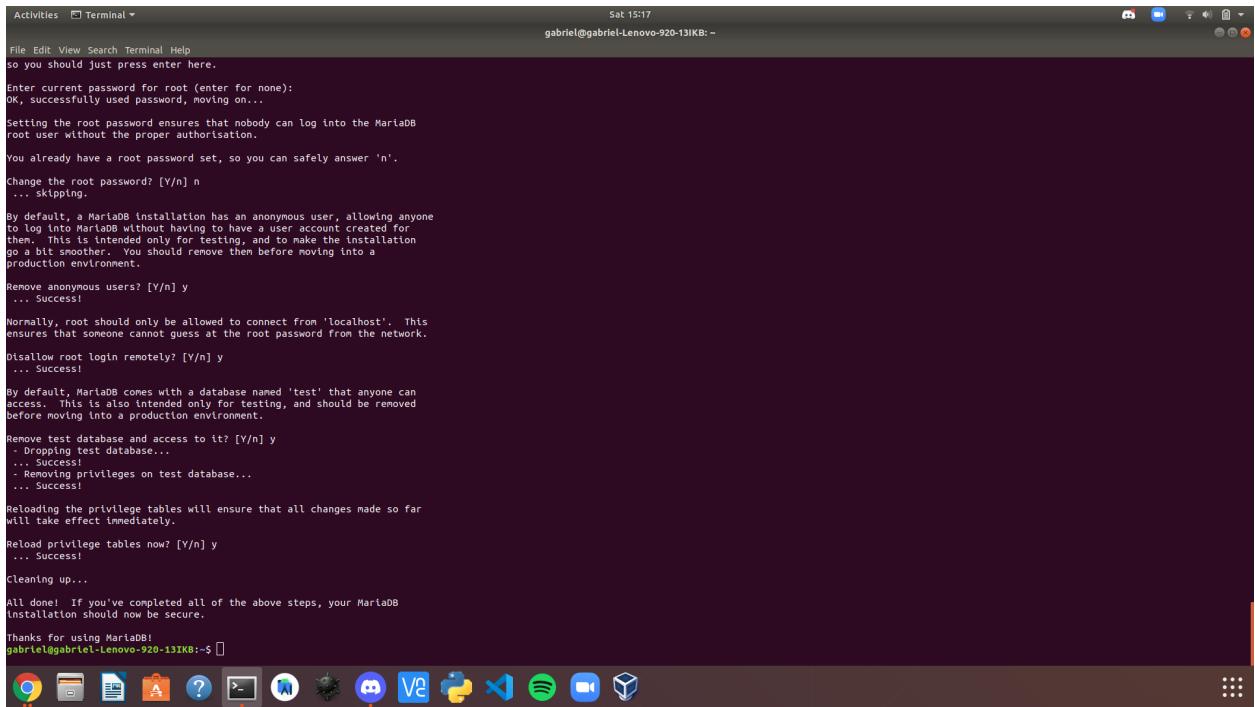
Reloading the privilege tables will ensure that all changes made so far
will take effect immediately.

Reload privilege tables now? [Y/n] y
... Success!

Cleaning up...

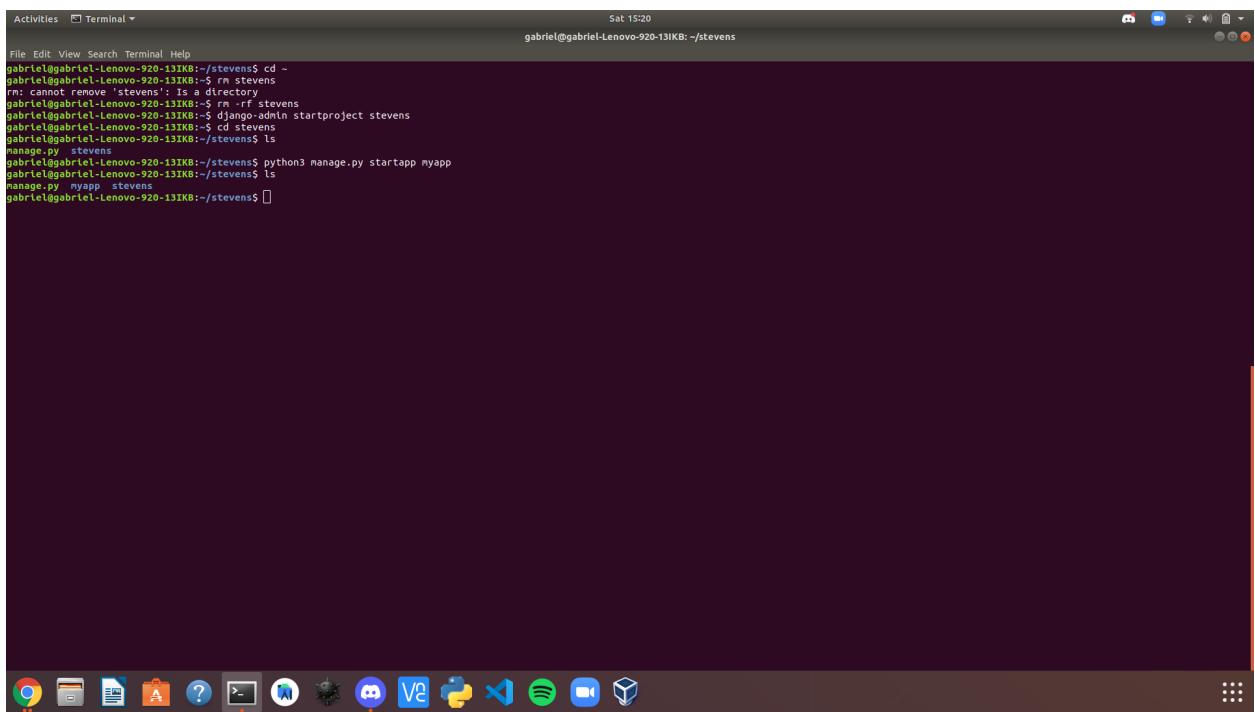
All done! If you've completed all of the above steps, your MariaDB
installation should now be secure.

Thanks for using MariaDB!
gabriel@gabriel-Lenovo-920-13IKB:~$
```



Activities Terminal Sat 15:20 gabriel@gabriel-Lenovo-920-13IKB: ~/stevens

```
File Edit View Search Terminal Help
gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ cd ~
gabriel@gabriel-Lenovo-920-13IKB:~$ rm stevens
rm: cannot remove 'stevens': Is a directory
gabriel@gabriel-Lenovo-920-13IKB:~$ rm -rf stevens
gabriel@gabriel-Lenovo-920-13IKB:~$ django-admin startproject stevens
gabriel@gabriel-Lenovo-920-13IKB:~$ cd stevens
gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ ls
manage.py stevens
gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ python3 manage.py startapp myapp
gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ ls
manage.py myapp stevens
gabriel@gabriel-Lenovo-920-13IKB:~/stevens$
```



```
Activities Terminal Sat 15:22
File Edit View Search Terminal Help
gabriel@gabriel-Lenovo-920-13IKB:~/stevens
gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ ls
manage.py stevens
gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ python3 manage.py startapp myapp
gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ ls
manage.py myapp stevens
gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ sudo mysql -u root -p
Enter password:
Welcome to the MariaDB monitor. Commands end with ; or \g.
Your MariaDB connection id is 47
Server version: 10.1.48-MariaDB-0ubuntu0.18.04.1 Ubuntu 18.04

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> use mysql
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
MariaDB [mysql]> select user, host from mysql.user;
+-----+-----+
| user | host   |
+-----+-----+
| root | localhost |
+-----+-----+
1 row in set (0.00 sec)

MariaDB [mysql]> create user pi@localhost identified by 'PASSWORD';
Query OK, 0 rows affected (0.00 sec)

MariaDB [mysql]> show databases;
+-----+
| Database |
+-----+
| information_schema |
| mysql |
| performance_schema |
+-----+
3 rows in set (0.00 sec)

MariaDB [mysql]> create database stevens;
Query OK, 1 row affected (0.00 sec)

MariaDB [mysql]> grant all privileges on stevens.* to pi@localhost;
Query OK, 0 rows affected (0.00 sec)

MariaDB [mysql]> quit
Bye
gabriel@gabriel-Lenovo-920-13IKB:~/stevens$
```

```
Activities Terminal Sat 15:29
File Edit View Search Terminal Help
Django settings for stevens project.
Generated by 'django-admin startproject' using Django 3.2.12.

For more information on this file, see
https://docs.djangoproject.com/en/3.2/topics/settings/

For the full list of settings and their values, see
https://docs.djangoproject.com/en/3.2/ref/settings/
"""

from pathlib import Path

# Build paths inside the project like this: BASE_DIR / 'subdir'.
BASE_DIR = Path(__file__).resolve().parent.parent

# Quick-start development settings - unsuitable for production
# See https://docs.djangoproject.com/en/3.2/howto/deployment/checklist/

# SECURITY WARNING: keep the secret key used in production secret!
SECRET_KEY = 'django-insecure-jf$0m9nn9ptv6d*xwle3#0z6h7gy9cqo$2-n)%{d1fk@v='

# SECURITY WARNING: don't run with debug turned on in production!
DEBUG = True

ALLOWED_HOSTS = ['*']

# Application definition

INSTALLED_APPS = [
    'django.contrib.admin',
    'django.contrib.auth',
    'django.contrib.contenttypes',
    'django.contrib.sessions',
    'django.contrib.messages',
    'django.contrib.staticfiles',
    'myapp',
]

MIDDLEWARE = [
    'django.middleware.security.SecurityMiddleware',
    'django.contrib.sessions.middleware.SessionMiddleware',
    'django.middleware.common.CommonMiddleware',
    'django.middleware.csrf.CsrfViewMiddleware',
    'django.contrib.auth.middleware.AuthenticationMiddleware',
    'django.contrib.messages.middleware.MessageMiddleware',
    'django.middleware.clickjacking.XFrameOptionsMiddleware',
]
```

```
Activities Terminal Sat 15:29
File Edit View Search Terminal Help
gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ sudo mysql -u root -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 47
Server version: 10.1.48-MariaDB-Ubuntu0.18.04.1 Ubuntu 18.04

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> use mysql
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
MariaDB [mysql]> select user, host from mysql.user;
+-----+-----+
| user | host  |
+-----+-----+
| root | localhost |
+-----+-----+
1 row in set (0.00 sec)

MariaDB [mysql]> create user pi@localhost identified by 'PASSWORD';
Query OK, 0 rows affected (0.00 sec)

MariaDB [mysql]> show databases;
+-----+
| Database |
+-----+
| information_schema |
| mysql |
| performance_schema |
+-----+
3 rows in set (0.00 sec)

MariaDB [mysql]> create database stevens;
Query OK, 1 row affected (0.00 sec)

MariaDB [mysql]> grant all privileges on stevens.* to pi@localhost;
Query OK, 0 rows affected (0.00 sec)

MariaDB [mysql]> quit
Bye
gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ ls
manage.py myapp stevens
gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ cd stevens
gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ stevens
gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ settings urls.py wsgi.py
gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ vim settings.py
gabriel@gabriel-Lenovo-920-13IKB:~/stevens$
```

```
Activities Terminal Sat 15:31
File Edit View Search Terminal Help
Database changed
MariaDB [mysql]> select user, host from mysql.user;
+-----+-----+
| user | host  |
+-----+-----+
| root | localhost |
+-----+
1 row in set (0.00 sec)

MariaDB [mysql]> create user pi@localhost identified by 'PASSWORD';
Query OK, 0 rows affected (0.00 sec)

MariaDB [mysql]> show databases;
+-----+
| Database |
+-----+
| information_schema |
| mysql |
| performance_schema |
+-----+
3 rows in set (0.00 sec)

MariaDB [mysql]> create database stevens;
Query OK, 1 row affected (0.00 sec)

MariaDB [mysql]> grant all privileges on stevens.* to pi@localhost;
Query OK, 0 rows affected (0.00 sec)

MariaDB [mysql]> quit
Bye
gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ ls
manage.py myapp stevens
gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ cd stevens
gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ stevens
gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ cp -r /lot/lesson4/stevens/urls.py .
gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ cp -r /lot/lesson4/stevens/settings.py .
gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ cp -r /lot/lesson4/stevens/wsgi.py .
gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ cp -r /lot/lesson4/stevens/templates .
gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ cd ..
gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ myapp
gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ myapp
admin.py apps.py __init__.py migrations models.py tests.py views.py
gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ cp -r /lot/lesson4/stevens/admin.py .
gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ cp -r /lot/lesson4/stevens/models.py .
gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ cp -r /lot/lesson4/stevens/views.py .
gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ mkdir static
gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ cd static
gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ cp -r /lot/lesson4/stevens/templates .
gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ cd ..
gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ cp -r /lot/lesson4/stevens/templates myapp
gabriel@gabriel-Lenovo-920-13IKB:~/stevens$
```

Activities Terminal Tue 16:59 gabriel@gabriel-Lenovo-920-13IKB: ~/stevens

```
File Edit View Search Terminal Help
gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ cd ~
gabriel@gabriel-Lenovo-920-13IKB:~$ cd ~/stevens/myapp/static
gabriel@gabriel-Lenovo-920-13IKB:~/stevens/myapp/static$ mkdir myapp
gabriel@gabriel-Lenovo-920-13IKB:~/stevens/myapp/static$ cd myapp
gabriel@gabriel-Lenovo-920-13IKB:~/stevens/myapp/static$ myapp$ cp ~/ct/lesson4/static/*css .
gabriel@gabriel-Lenovo-920-13IKB:~/stevens/myapp/static$ myapp$ cp ~/ct/lesson4/static/*js .
gabriel@gabriel-Lenovo-920-13IKB:~/stevens/myapp/static$ myapp$ ./steven
gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ python3 manage.py makemigrations myapp
Traceback (most recent call last):
  File "manage.py", line 22, in <module>
    main()
  File "manage.py", line 10, in main
    execute_from_command_line(sys.argv)
File "/usr/local/lib/python3.6/dist-packages/django/core/management/__init__.py", line 419, in execute_from_command_line
    utility.execute()
File "/usr/local/lib/python3.6/dist-packages/django/core/management/__init__.py", line 363, in execute
    settings.INSTALLED_APPS
File "/usr/local/lib/python3.6/dist-packages/django/conf/_init_.py", line 82, in __getattribute__
    self._setup(name)
File "/usr/local/lib/python3.6/dist-packages/django/conf/_init_.py", line 69, in __setup
    self._wrapped = Settings(settings_module)
File "/usr/local/lib/python3.6/dist-packages/django/conf/_init_.py", line 170, in __init__
    mod = importlib.import_module(self.SETTINGS_MODULE)
File "/usr/local/lib/python3.6/importlib/_bootstrap.py", line 126, in import_module
    return bootstrap._gcd_import(name[level:], package, level)
File <frozen importlib._bootstrap>, line 994, in _gcd_import
File <frozen importlib._bootstrap>, line 971, in _find_and_load
File <frozen importlib._bootstrap>, line 955, in _find_and_load_unlocked
File <frozen importlib._bootstrap>, line 665, in _load_unlocked
File "/home/gabriel/stevens/stevens", line 67, in <module>
  from django.core.wsgi import get_wsgi_application
File <frozen importlib._bootstrap_external>, line 691, in get_code
File <frozen importlib._bootstrap_external>, line 741, in source_to_code
File <frozen importlib._bootstrap>, line 29, in call_with_frames_removed
File "/home/gabriel/stevens/stevens/settings.py", line 28
    ALLOWED_HOSTS = [*]
SyntaxError: invalid syntax
gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ cd ~/stevens/
myapp/  stevens/
gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ cd ~/stevens/stevens
gabriel@gabriel-Lenovo-920-13IKB:~/stevens/stevens$ cd ~/stevens/myapp/static
gabriel@gabriel-Lenovo-920-13IKB:~/stevens/myapp/static$ myapp
gabriel@gabriel-Lenovo-920-13IKB:~/stevens/myapp/static$ myapp$ python3 manage.py makemigrations myapp
python3: can't open file 'manage.py': [Errno 2] No such file or directory
gabriel@gabriel-Lenovo-920-13IKB:~/stevens/myapp/static$ myapp$ cd ~/stevens
gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ python3 manage.py makemigrations myapp
Migrations for 'myapp':
  - Create model TemperatureData
gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ python3 manage.py migrate
```

```

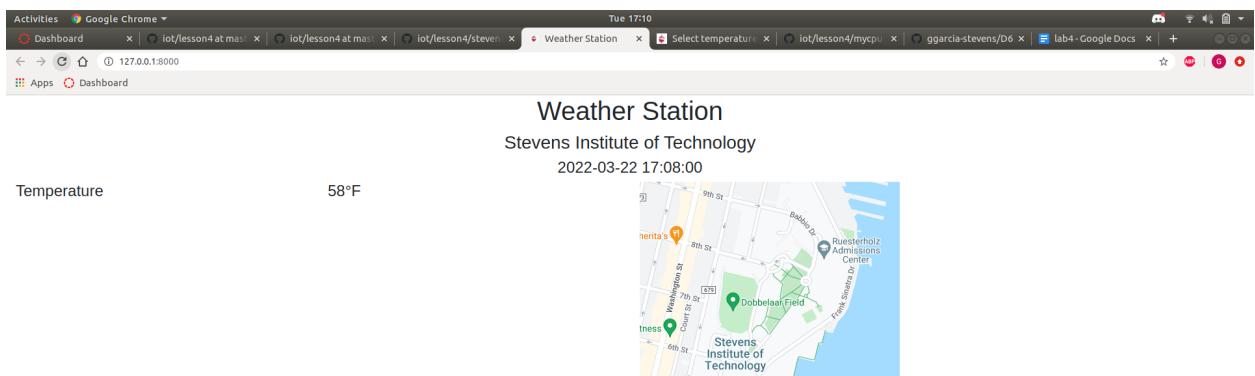
Activities Terminal Tue 16:59
gabriel@gabriel-Lenovo-920-13IKB: ~/stevens

File Edit View Search Terminal Help
File <frozen importlib._bootstrap_external>; line 674; in exec_module
File <frozen importlib._bootstrap_external>; line 781; in get_code
File <frozen importlib._bootstrap_external>; line 741; in source_to_code
File <frozen importlib._bootstrap>; line 219; in _call_with_frames_removed
File ~/home/gabriel/stevens/stevens/settings.py; line 28
    ALLOWED_HOSTS = ['']

ALLOWED_HOSTS = ['']

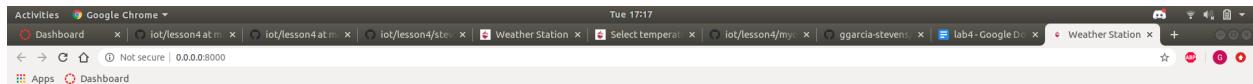
SyntaxError: invalid syntax
gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ cd ~/stevens/
myapp/  stevens/
gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ cd ~/stevens/stevens
gabriel@gabriel-Lenovo-920-13IKB:~/stevens/stevens$ python3 manage.py makemigrations myapp
gabriel@gabriel-Lenovo-920-13IKB:~/stevens/stevens$ cd ~/stevens/myapp/static
gabriel@gabriel-Lenovo-920-13IKB:~/stevens/stevens$ myapp$ python3 manage.py makemigrations myapp
python3: can't open file 'manage.py': [Errno 2] No such file or directory
gabriel@gabriel-Lenovo-920-13IKB:~/stevens/stevens$ cd ~/stevens
gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ python3 manage.py makemigrations myapp
Migrations for 'myapp':
  - Create model TemperatureData
gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ python3 manage.py migrate
Operations to perform:
  Apply all migrations: admin, auth, contenttypes, myapp, sessions
Migrations run:
  Applying contenttypes.0001_initial... OK
  Applying auth.0001_initial... OK
  Applying admin.0001_initial... OK
  Applying admin.0002_logentry_remove_auto_add... OK
  Applying admin.0003_logentry_add_history_change... OK
  Applying contenttypes.0002_remove_content_type_name... OK
  Applying auth.0002_alter_permission_name_max_length... OK
  Applying auth.0003_alter_user_email_max_length... OK
  Applying auth.0004_alter_user_username_opts... OK
  Applying auth.0005_alter_user_last_login_null... OK
  Applying auth.0006_require_contenttypes_0002... OK
  Applying auth.0007_alter_validators_add_error_messages... OK
  Applying auth.0008_alter_user_username_max_length... OK
  Applying auth.0009_alter_user_last_login_max_length... OK
  Applying auth.0010_alter_group_name_max_length... OK
  Applying auth.0011_update_proxy_permissions... OK
  Applying auth.0012_change_password_max_length... OK
  Applying auth.0001_initial... OK
  Applying sessions.0001_initial... OK
gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ python3 manage.py createsuperuser
Username (leave blank to use 'gabriel'): gabriel
Email address: ggarcia@stevens.edu
Password:
Password (again):
Superuser created successfully.
gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ 

```



```
Tue 17:15 gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ File Edit View Search Terminal Help gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ cd ~/stevens/myapp/static gabriel@gabriel-Lenovo-920-13IKB:~/stevens/myapp/static$ cp ./lot/lesson4/static/favicon.ico . gabriel@gabriel-Lenovo-920-13IKB:~/stevens/myapp/static$ mkdir myapp gabriel@gabriel-Lenovo-920-13IKB:~/stevens/myapp/static$ cd myapp gabriel@gabriel-Lenovo-920-13IKB:~/stevens/myapp/static$ myapp$ cp ./lot/lesson4/static/*css . gabriel@gabriel-Lenovo-920-13IKB:~/stevens/myapp/static$ myapp$ cp ./lot/lesson4/static/*js . gabriel@gabriel-Lenovo-920-13IKB:~/stevens/myapp$ cd ~/stevens gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ python3 manage.py makemigrations myapp Traceback (most recent call last): file "manage.py", line 22, in <module> main() File "manage.py", line 18, in main execute_from_command_line(sys.argv) File "/usr/local/lib/python3.6/dist-packages/django/core/management/__init__.py", line 419, in execute_from_command_line utility.execute() File "/usr/local/lib/python3.6/dist-packages/django/core/management/__init__.py", line 363, in execute settings.INSTALLED_APPS File "/usr/local/lib/python3.6/dist-packages/django/conf/__init__.py", line 82, in __getattribute__ self._setup(name) File "/usr/local/lib/python3.6/dist-packages/django/conf/__init__.py", line 69, in __setup self_wrapped = Settings(settings_module) File "/usr/local/lib/python3.6/dist-packages/django/conf/__init__.py", line 170, in __init__ mod = importlib.import_module(self.SETTINGS_MODULE) File "/usr/lib/python3.6/importlib/_bootstrap__.py", line 126, in import_module return bootstrap._gcd_import(*name[level:], package, level) File "/usr/lib/python3.6/importlib/_bootstrap__.py", line 97, in _find_and_load File "<frozen importlib._bootstrap>", line 955, in _find_and_load_unlocked File "<frozen importlib._bootstrap>", line 665, in _load_unlocked File "<frozen importlib._bootstrap_external>", line 674, in exec_module File "<frozen importlib._bootstrap_external>", line 783, in get_code File "<frozen importlib._bootstrap_external>", line 441, in source_to_code File "<frozen importlib._bootstrap_external>", line 219, in _call_with_frames_removed File "/home/gabriel/stevens/stevens/settings.py", line 28 ALLOWED_HOSTS = [*] ^ SyntaxError: invalid syntax gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ cd ~/stevens/ myapp/ stevens/ gabriel@gabriel-Lenovo-920-13IKB:~/stevens/stevens$ vim settings.py gabriel@gabriel-Lenovo-920-13IKB:~/stevens/stevens$ cd ~/stevens/myapp/static gabriel@gabriel-Lenovo-920-13IKB:~/stevens/myapp$ python3 manage.py makemigrations myapp python3: can't open file 'manage.py': [Errno 2] No such file or directory gabriel@gabriel-Lenovo-920-13IKB:~/stevens/myapp$ cd ~/stevens gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ python3 manage.py makemigrations myapp Migrations for 'myapp': myapp/migrations/0001_initial.py Create model TemperatureData
```

```
Tue 17:15 gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ File Edit View Search Terminal Help gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ ./stevens python3 manage.py makemigrations myapp Migrations for 'myapp': myapp/migrations/0001_initial.py Create model TemperatureData gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ python3 manage.py migrate Operations to perform: Apply all migrations: admin, auth, contenttypes, myapp, sessions Running migrations: Applying contenttypes.0001_initial... OK Applying auth.0001_initial... OK Applying admin.0001_initial... OK Applying admin.0002_logentry_remove_auto_add... OK Applying admin.0003_logentry_add_action_flag_choices... OK Applying contenttypes.0002_remove_content_type_name... OK Applying auth.0004_change_permission_name_max_length... OK Applying auth.0005_alter_user_last_login_null... OK Applying auth.0006_require_contenttypes_0002... OK Applying auth.0007_alter validators_add_error_messages... OK Applying auth.0008_alter_user_username_max_length... OK Applying auth.0009_alter_user_email_max_length... OK Applying auth.0010_alter_group_name_max_length... OK Applying auth.0011_update_proxy_permissions... OK Applying auth.0012_alter_user_first_name_max_length... OK Applying myapp.0001_initial... OK Applying sessions.0001_initial... OK gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ python3 manage.py createsuperuser Username (leave blank to use 'gabriel'): Email address: ggarcia4@stevens.edu Password: Password (again): Superuser created successfully. gabriel@gabriel-Lenovo-920-13IKB:~/stevens$ python3 manage.py runserver Watching for file changes with StatReloader Performing system checks... System check identified no issues (0 silenced). March 22, 2022 - 21:00:39 Django version 3.2.12, Using settings 'stevens.settings' Starting development server at http://127.0.0.1:8000/ Quit the server with CONTROL-C. [22/Mar/2022 21:00:39] "GET /admin HTTP/1.1" 301 0 [22/Mar/2022 21:00:39] "GET /admin/ HTTP/1.1" 302 0 [22/Mar/2022 21:00:39] "GET /static/admin/css/base.css HTTP/1.1" 200 2214 [22/Mar/2022 21:00:39] "GET /static/admin/css/base.css HTTP/1.1" 200 19513 [22/Mar/2022 21:00:39] "GET /static/admin/css/nav_sidebar.css HTTP/1.1" 200 2271 [22/Mar/2022 21:00:39] "GET /static/admin/css/login.css HTTP/1.1" 200 939 [22/Mar/2022 21:00:39] "GET /static/admin/css/responsive.css HTTP/1.1" 200 18545 [22/Mar/2022 21:00:39] "GET /static/admin/js/nav_sidebar.js HTTP/1.1" 200 1360 [22/Mar/2022 21:00:39] "GET /static/admin/css/fonts.css HTTP/1.1" 200 423 [22/Mar/2022 21:00:39] "GET /static/admin/css/iconfont.css HTTP/1.1" 302 0
```



## Weather Station

Stevens Institute of Technology

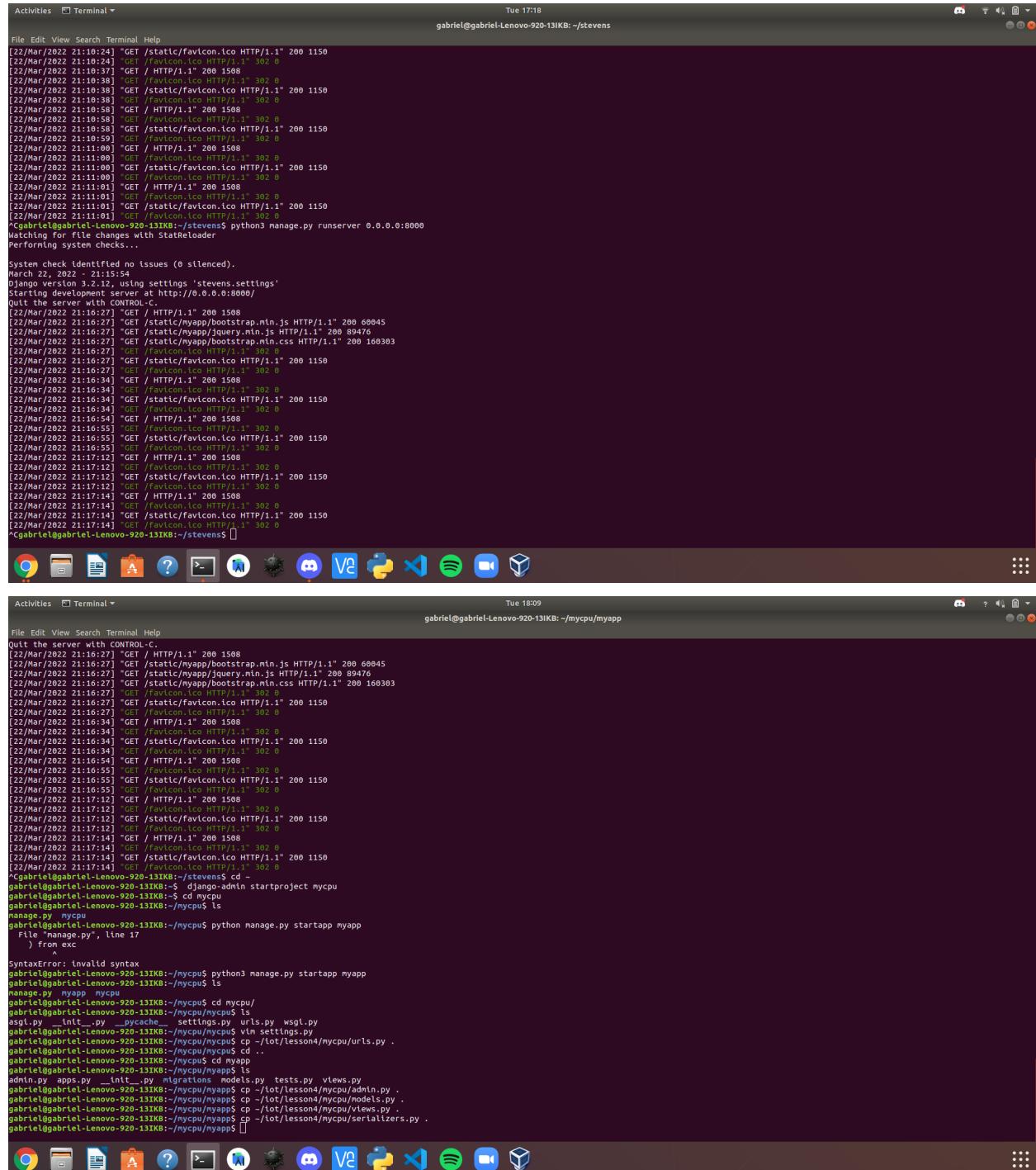
2022-03-22 17:08:00

Temperature

58°F



```
Activities Terminal Tue 17:18 gabriel@gabriel-Lenovo-920-13IKB:~/stevens
File Edit View Search Terminal Help
[22/Mar/2022 21:10:24] "GET /static/favicon.ico HTTP/1.1" 200 1150
[22/Mar/2022 21:10:24] "GET /favicon.ico HTTP/1.1" 302 0
[22/Mar/2022 21:10:27] "GET /static/favicon.ico HTTP/1.1" 200 1150
[22/Mar/2022 21:10:38] "GET /static/favicon.ico HTTP/1.1" 302 0
[22/Mar/2022 21:10:38] "GET /static/favicon.ico HTTP/1.1" 200 1150
[22/Mar/2022 21:10:38] "GET /favicon.ico HTTP/1.1" 302 0
[22/Mar/2022 21:10:38] "GET / HTTP/1.1" 200 1508
[22/Mar/2022 21:10:58] "GET /favicon.ico HTTP/1.1" 302 0
[22/Mar/2022 21:10:58] "GET /static/favicon.ico HTTP/1.1" 200 1150
[22/Mar/2022 21:10:59] "GET /static/favicon.ico HTTP/1.1" 302 0
[22/Mar/2022 21:11:00] "GET / HTTP/1.1" 200 1508
[22/Mar/2022 21:11:00] "GET /favicon.ico HTTP/1.1" 302 0
[22/Mar/2022 21:11:00] "GET /static/favicon.ico HTTP/1.1" 200 1150
[22/Mar/2022 21:11:00] "GET /favicon.ico HTTP/1.1" 302 0
[22/Mar/2022 21:11:00] "GET / HTTP/1.1" 200 1508
[22/Mar/2022 21:11:01] "GET /favicon.ico HTTP/1.1" 302 0
[22/Mar/2022 21:11:01] "GET /static/favicon.ico HTTP/1.1" 200 1150
[22/Mar/2022 21:11:01] "GET /favicon.ico HTTP/1.1" 302 0
^Cgabriel@gabriel-Lenovo-920-13IKB:~/stevens$ python3 manage.py runserver 0.0.0.0:8000
Watching for file changes with StatReloader
Performing system checks...
System check identified no issues (0 silenced).
March 22, 2022 - 21:15:54
Django version 3.2.12, using settings 'stevens.settings'.
Starting development server at http://0.0.0.0:8000/
Quit the server with CONTROL-C.
[22/Mar/2022 21:16:00] "GET / HTTP/1.1" 200 1508
[22/Mar/2022 21:16:07] "GET /static/mapp/bootstrap.min.js HTTP/1.1" 200 60045
[22/Mar/2022 21:16:27] "GET /static/mapp/jquery.min.js HTTP/1.1" 200 89476
[22/Mar/2022 21:16:27] "GET /static/mapp/bootstrap.min.css HTTP/1.1" 200 166303
[22/Mar/2022 21:16:27] "GET /favicon.ico HTTP/1.1" 302 0
[22/Mar/2022 21:16:27] "GET /static/favicon.ico HTTP/1.1" 200 1150
[22/Mar/2022 21:16:27] "GET / HTTP/1.1" 200 1508
[22/Mar/2022 21:16:34] "GET /favicon.ico HTTP/1.1" 302 0
[22/Mar/2022 21:16:34] "GET /favicon.ico HTTP/1.1" 302 0
[22/Mar/2022 21:16:34] "GET /favicon.ico HTTP/1.1" 302 0
[22/Mar/2022 21:16:34] "GET / HTTP/1.1" 200 1508
[22/Mar/2022 21:16:34] "GET /favicon.ico HTTP/1.1" 302 0
[22/Mar/2022 21:16:34] "GET /static/favicon.ico HTTP/1.1" 200 1150
[22/Mar/2022 21:16:34] "GET /favicon.ico HTTP/1.1" 302 0
[22/Mar/2022 21:16:34] "GET / HTTP/1.1" 200 1508
[22/Mar/2022 21:17:12] "GET / HTTP/1.1" 200 1508
[22/Mar/2022 21:17:12] "GET /favicon.ico HTTP/1.1" 302 0
[22/Mar/2022 21:17:12] "GET /static/favicon.ico HTTP/1.1" 200 1150
[22/Mar/2022 21:17:12] "GET /favicon.ico HTTP/1.1" 302 0
[22/Mar/2022 21:17:12] "GET / HTTP/1.1" 200 1508
[22/Mar/2022 21:17:14] "GET /static/favicon.ico HTTP/1.1" 302 0
[22/Mar/2022 21:17:14] "GET /static/favicon.ico HTTP/1.1" 200 1150
[22/Mar/2022 21:17:14] "GET /favicon.ico HTTP/1.1" 302 0
^Cgabriel@gabriel-Lenovo-920-13IKB:~/stevens$ 
```



Activities Terminal Tue 18:36 gabriel@gabriel-Lenovo-920-13IKB: ~/mycpu

```
File Edit View Search Terminal Help
gabriel@gabriel-Lenovo-920-13IKB:~/mycpu$ myapp cp -l /lot/lesson4/mycpu/admin.py .
gabriel@gabriel-Lenovo-920-13IKB:~/mycpu$ myapp cp -l /lot/lesson4/mycpu/models.py .
gabriel@gabriel-Lenovo-920-13IKB:~/mycpu$ myapp cp -l /lot/lesson4/mycpu/views.py .
gabriel@gabriel-Lenovo-920-13IKB:~/mycpu$ myapp cp -l /lot/lesson4/mycpu/serializers.py .
gabriel@gabriel-Lenovo-920-13IKB:~/mycpu$ myappS mkdir static templates
gabriel@gabriel-Lenovo-920-13IKB:~/mycpu$ myappS cd templates/
gabriel@gabriel-Lenovo-920-13IKB:~/mycpu$ myappS mkdir myapp
gabriel@gabriel-Lenovo-920-13IKB:~/mycpu$ myappS cd myapp/
gabriel@gabriel-Lenovo-920-13IKB:~/mycpu$ myappS cp -l /lot/lesson4/mycpu/index.html .
gabriel@gabriel-Lenovo-920-13IKB:~/mycpu$ myappS cd ..
gabriel@gabriel-Lenovo-920-13IKB:~/mycpu$ myappS cp -l /lot/lesson4/mycpu/static/favicon.ico .
gabriel@gabriel-Lenovo-920-13IKB:~/mycpu$ myappS cp -l /lot/lesson4/mycpu/static/favicon.ico .
gabriel@gabriel-Lenovo-920-13IKB:~/mycpu$ myappS mkdir myapp
gabriel@gabriel-Lenovo-920-13IKB:~/mycpu$ myappS static myappS cp -l /lot/lesson4/static/*css .
gabriel@gabriel-Lenovo-920-13IKB:~/mycpu$ myappS static myappS cp -l /lot/lesson4/static/*js .
gabriel@gabriel-Lenovo-920-13IKB:~/mycpu$ myappS static myappS cd ..
gabriel@gabriel-Lenovo-920-13IKB:~/mycpu$ myappS ls
manage.py myapp
gabriel@gabriel-Lenovo-920-13IKB:~/mycpu$ cp -l /lot/lesson4/mycpu/controller.py .
gabriel@gabriel-Lenovo-920-13IKB:~/mycpu$ vim controller.py
gabriel@gabriel-Lenovo-920-13IKB:~/mycpu$ sudo pip3 install -U psutil
[sudo] password for gabriel:
The directory '/home/gabriel/.cache/pip/http' or its parent directory is not owned by the current user and the cache has been disabled. Please check the permissions and owner of that directory. If executing pip with su do you want sudo's -H flag?
The directory '/home/gabriel/.cache/pip' or its parent directory is not owned by the current user and caching wheels has been disabled. check the permissions and owner of that directory. If executing pip with su do you want sudo's -H flag?
Requirement already up-to-date: psutil in /home/gabriel/.local/lib/python3.6/site-packages
gabriel@gabriel-Lenovo-920-13IKB:~/mycpu$ python manage.py makemigrations myapp
  File "manage.py", line 17
    ) from exc

SyntaxError: invalid syntax
gabriel@gabriel-Lenovo-920-13IKB:~/mycpu$ python3 manage.py makemigrations myapp
Migrations for 'myapp':
  - Create Model Admin
  - Create Model Dt
  - Create model LocationData
  - Create model Men
gabriel@gabriel-Lenovo-920-13IKB:~/mycpu$ python manage.py migrate
  File "manage.py", line 17
    ) from exc

SyntaxError: invalid syntax
gabriel@gabriel-Lenovo-920-13IKB:~/mycpu$ python3 manage.py migrate
Operations to perform:
  Apply all migrations: admin, auth, contenttypes, myapp, sessions
Running migrations:

```



Activities Terminal Tue 18:37 gabriel@gabriel-Lenovo-920-13IKB: ~/mycpu

```
File Edit View Search Terminal Help
) from exc

SyntaxError: invalid syntax
gabriel@gabriel-Lenovo-920-13IKB:~/mycpu$ python3 manage.py migrate
Operations to perform:
  Apply all migrations: admin, auth, contenttypes, myapp, sessions
Running migrations:
  Applying auth_contenttypes_0001_initial... OK
  Applying auth_0001_initial... OK
  Applying admin_0001_initial... OK
  Applying admin_0002_logentry_remove_auto_add... OK
  Applying admin_0003_logentry_add_action_flag_choices... OK
  Applying auth_0004_alter_user_username_max_length... OK
  Applying auth_0003_alter_user_email_max_length... OK
  Applying auth_0004_alter_user_username_opts... OK
  Applying auth_0005_alter_user_last_login_null... OK
  Applying auth_0006_require_contenttypes_0002... OK
  Applying auth_0009_alter_user_username_max_length... OK
  Applying auth_0009_alter_user_last_name_max_length... OK
  Applying auth_0010_alter_group_name_max_length... OK
  Applying auth_0011_update_proxy_permissions... OK
  Applying auth_0012_alter_user_first_name_max_length... OK
  Applying sessions_0001_initial... OK
gabriel@gabriel-Lenovo-920-13IKB:~/mycpu$ python3 manage.py createsuperuser
Username (leave blank to use 'gabriel'): ggarcia@stevens.edu
Email address: ggarcia@stevens.edu
Password:
Password (again):
Superuser created successfully.
gabriel@gabriel-Lenovo-920-13IKB:~/mycpu$ python3 manage.py runserver
Watching for file changes with StatReloader
Performing system checks...

System check identified no issues (0 silenced).
March 22, 2022 - 22:19:04
Django version 3.2.12, using settings 'mycpu.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CONTROL-C.

[22/Mar/2022 22:19:13] "GET /admin/ HTTP/1.1" 303 0
[22/Mar/2022 22:19:13] "GET /admin/login/?next=/admin/ HTTP/1.1" 200 2214
[22/Mar/2022 22:19:24] "POST /admin/login/?next=/admin/ HTTP/1.1" 302 0
[22/Mar/2022 22:19:24] "GET /admin/ HTTP/1.1" 200 4000
[22/Mar/2022 22:19:37] "GET /admin/myapp/locationdata/add/ HTTP/1.1" 200 6689
[22/Mar/2022 22:19:37] "GET /admin/jst18n/ HTTP/1.1" 200 3195
[22/Mar/2022 22:20:27] "GET /admin/myapp/locationdata/ HTTP/1.1" 302 0
[22/Mar/2022 22:20:27] "GET /admin/myapp/locationdata/ HTTP/1.1" 200 6378
[22/Mar/2022 22:20:27] "GET /admin/jst18n/ HTTP/1.1" 200 3195
[22/Mar/2022 22:20:53] "GET /de/ HTTP/1.1" 301 0
[22/Mar/2022 22:20:53] "GET /dt/ HTTP/1.1" 200 8668

```



Activities Terminal Tue 18:37 gabriel@gabriel-Lenovo-920-13IKB: ~/mycpu

```
File Edit View Search Terminal Help
username (leave blank to use 'gabriel'): ggarcia@stevens.edu
Email address: ggarcia@stevens.edu
Password:
Password (again):
Superuser created successfully.
gabriel@gabriel-Lenovo-920-13IKB:~/mycpu$ python3 manage.py runserver
Watching for file changes with StatReloader
Performing system checks...

System check identified no issues (0 silenced).
March 22, 2022 - 22:19:04
Django version 3.2.12, using settings 'mycpu.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CONTROL-C.

[22/Mar/2022 22:19:13] "GET /admin/ HTTP/1.1" 302 0
[22/Mar/2022 22:19:13] "GET /admin/login/?next=/admin/ HTTP/1.1" 200 2214
[22/Mar/2022 22:19:24] "POST /admin/login/?next=/admin/ HTTP/1.1" 302 0
[22/Mar/2022 22:19:37] "GET /admin/ HTTP/1.1" 200 4000
[22/Mar/2022 22:19:37] "GET /admin/jst18n/ HTTP/1.1" 200 3195
[22/Mar/2022 22:20:27] "POST /admin/myapp/locationdata/add/ HTTP/1.1" 302 0
[22/Mar/2022 22:20:27] "GET /admin/myapp/locationdata/add/ HTTP/1.1" 200 6378
[22/Mar/2022 22:20:27] "GET /admin/jst18n/ HTTP/1.1" 200 3195
[22/Mar/2022 22:20:53] "GET /dt/ HTTP/1.1" 200 8668
[22/Mar/2022 22:20:53] "GET /static/rest_framework/css/bootstrap-tweaks.css HTTP/1.1" 200 3385
[22/Mar/2022 22:20:53] "GET /static/rest_framework/css/bootstrap_min.css HTTP/1.1" 200 121457
[22/Mar/2022 22:20:53] "GET /static/rest_framework/css/prettyify.css HTTP/1.1" 200 817
[22/Mar/2022 22:20:53] "GET /static/rest_framework/js/jquery-3.5.1.min.js HTTP/1.1" 200 1152
[22/Mar/2022 22:20:53] "GET /static/rest_framework/js/jquery-3.5.1.min.js HTTP/1.1" 200 89476
[22/Mar/2022 22:20:53] "GET /static/rest_framework/js/ajax-form.js HTTP/1.1" 200 3597
[22/Mar/2022 22:20:53] "GET /static/rest_framework/js/csrft.js HTTP/1.1" 200 1719
[22/Mar/2022 22:20:53] "GET /static/rest_framework/js/bootstrap_min.js HTTP/1.1" 200 39680
[22/Mar/2022 22:20:53] "GET /static/rest_framework/js/prettyify-min.js HTTP/1.1" 200 13632
[22/Mar/2022 22:20:53] "GET /static/rest_framework/js/default.js HTTP/1.1" 200 1208
[22/Mar/2022 22:20:53] "GET /static/rest_framework/img/grid.png HTTP/1.1" 200 1458
[22/Mar/2022 22:22:38] "GET /cpu/ HTTP/1.1" 301 0
[22/Mar/2022 22:22:38] "GET /cpu/ HTTP/1.1" 200 8686
[22/Mar/2022 22:22:39] "GET /mem/ HTTP/1.1" 301 0
[22/Mar/2022 22:22:39] "GET /mem/ HTTP/1.1" 200 8606
[22/Mar/2022 22:22:39] "GET /cpu/ HTTP/1.1" 200 8606
gabriel@gabriel-Lenovo-920-13IKB:~/mycpu$ cd myapp
gabriel@gabriel-Lenovo-920-13IKB:~/mycpu$ myapp$ vtn views.py
gabriel@gabriel-Lenovo-920-13IKB:~/mycpu$ myapp$ cd ..
gabriel@gabriel-Lenovo-920-13IKB:~/mycpu$ python3 manage.py runserver
Watching for file changes with StatReloader
Performing system checks...

System check identified no issues (0 silenced).
March 22, 2022 - 22:26:57
Django version 3.2.12, using settings 'mycpu.settings'
Starting development server at http://127.0.0.1:8000/
```



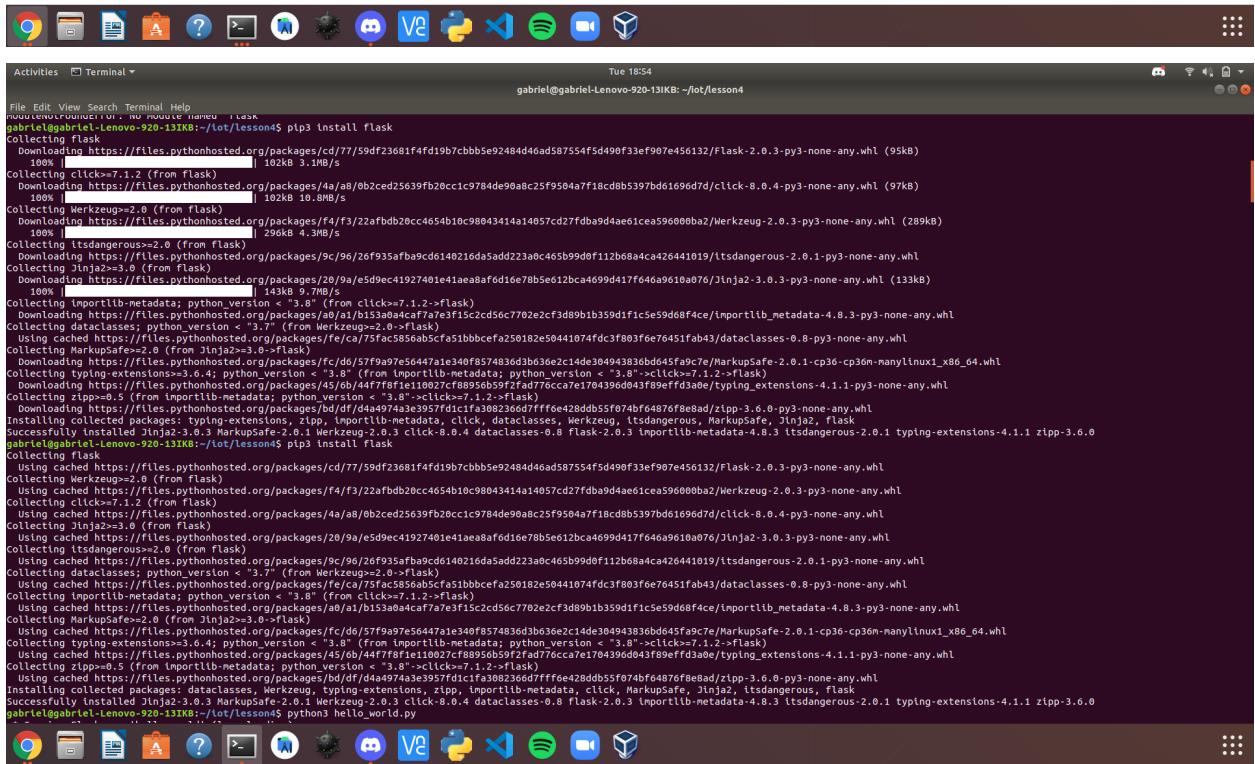
# My CPU

Stevens Institute of Technology

CPU Usage  
10.6%

Memory Available  
1.5 GB





Activities Terminal Tue 18:42 gabriel@gabriel-Lenovo-920-13IKB: ~/iot/lesson4

```
File Edit View Search Terminal Help
100% | 296kB 4.3MB/s
Collecting itsdangerous<=2.0 (from flask)
  Downloading https://files.pythonhosted.org/packages/9c/96/26df935afb9c9cd6140216da5add223a0c465b99d0f112b68a4ca426441019/itsdangerous-2.0.1-py3-none-any.whl
Collecting Jinja2>=3.0. (from flask)
  Downloading https://files.pythonhosted.org/packages/28/9a/e5d9ec4192740e141aea8af6d10e78b5e012bca4699d417f646a9610a76/Jinja2-3.0.3-py3-none-any.whl (133kB)
    100% | 133kB 9.0MB/s
Collecting importlib-metadata; python_version < "3.8" (from click<=7.1.2->flask)
  Using cached https://files.pythonhosted.org/packages/a1/b153aa04caf7a7e3f15c2cd56c7702e2cf3d89b1b359d1fc5e59d68face/importlib_metadata-4.8.3-py3-none-any.whl
Collecting MarkupSafe<2.0 (from Werkzeug>2.0->flask)
  Using cached https://files.pythonhosted.org/packages/fe/ca/75fca586ab5ca5f01bbbcfa250182e50441074fdc3fb03f6e76451fbab43/dataclasses-0.8-py3-none-any.whl
Collecting MarkupSafe<2.0.1 (from Werkzeug>2.0.1->flask)
  Using cached https://files.pythonhosted.org/packages/fc/d6/37f9e97e56447a1e30f5743xdhb562c140e38043830b662ff5c957c/Harkupsafe-2.0.1-cp36-cp36-manylinux1_x86_64.whl
Collecting typing_extensions<4.1.4; python_version < "3.8" (from importlib-metadata; python_version < "3.8"->click<=7.1.2->flask)
  Downloading https://files.pythonhosted.org/packages/45/6b/447f7f1e10027cf88956b59f7fd77ccca7e170439d043f89effd3a0e/typing_extensions-4.1.1-py3-none-any.whl
Collecting zipp>=0.5 (from importlib-metadata; python_version < "3.8"->click<=7.1.2->flask)
  Downloading https://files.pythonhosted.org/packages/bd/df/44a497443e39577d1c1fa308236dd7fffe428db55f074bf6487f6fe8bad/zipp-3.6.0-py3-none-any.whl
Installing collected packages: dataclasses, zipp, importlib-metadata, click, dataclasses, Werkzeug, itsdangerous, MarkupSafe, Jinja2, flask
Successfully installed Jinja2>=3.0.3 MarkupSafe>2.0.1 Werkzeug>2.0.3 click>8.0.4 dataclasses>0.8 flask>2.0.3 importlib-metadata>4.8.3 itsdangerous>2.0.1 typing_extensions>4.1.1 zipp>3.6.0
gabriel@gabriel-Lenovo-920-13IKB: ~/iot/lesson4$ pip3 install flask
Collecting flask
  Using cached https://files.pythonhosted.org/packages/cd/77/59df23681f4fd19b7ccb5e2484d4ad587554f5d490f3d3f907e56132/flask-2.0.3-py3-none-any.whl
Collecting Werkzeug>2.0 (from flask)
  Using cached https://files.pythonhosted.org/packages/f4/f3/22afbdb405e454b10c988043414a14057cd27fdb9d4ae61cea596000ba2/Werkzeug-2.0.3-py3-none-any.whl
Collecting click>=7.1.2 (from flask)
  Using cached https://files.pythonhosted.org/packages/a8/a8/b022ced25039fb20cc1c9784de98a8c25f9504a7ff18cd8b5397bd61696d7d(click-8.0.4-py3-none-any.whl
Collecting Jinja2>=3.0 (from flask)
  Using cached https://files.pythonhosted.org/packages/20/9a/e5d9ec4192740e141ea8af6d16e78b5e612bca4699d417f646a9610a076/Jinja2-3.0.3-py3-none-any.whl
Collecting itsdangerous>=2.0 (from flask)
  Using cached https://files.pythonhosted.org/packages/9c/96/26df935afb9c9cd6140216da5add223a0c465b99d0f112b68a4ca426441019/itsdangerous-2.0.1-py3-none-any.whl
Collecting Werkzeug>2.0.1 (from flask)
  Using cached https://files.pythonhosted.org/packages/45/6b/447f7f1e10027cf88956b59f7fd77ccca7e170439d043f89effd3a0e/typing_extensions-4.1.1-py3-none-any.whl
Collecting importlib-metadata; python_version < "3.8" (from flask)
  Using cached https://files.pythonhosted.org/packages/a1/b153aa04caf7a7e3f15c2cd56c7702e2cf3d89b1b359d1fc5e59d68face/importlib_metadata-4.8.3-py3-none-any.whl
Collecting MarkupSafe<2.0 (from Jinja2>=3.0->flask)
  Using cached https://files.pythonhosted.org/packages/45/6b/447f7f1e10027cf88956b59f7fd77ccca7e170439d043f89effd3a0e/MarkupSafe-2.0.1-cp36-cp36-manylinux1_x86_64.whl
Collecting typing_extensions<4.1.4; python_version < "3.8" (from flask)
  Using cached https://files.pythonhosted.org/packages/45/6b/447f7f1e10027cf88956b59f7fd77ccca7e170439d043f89effd3a0e/typing_extensions-4.1.1-py3-none-any.whl
Collecting zipp>=0.5 (from importlib-metadata; python_version < "3.8"->click<=7.1.2->flask)
  Using cached https://files.pythonhosted.org/packages/bd/df/44a497443e39577d1c1fa308236dd7fffe428db55f074bf6487f6fe8bad/zipp-3.6.0-py3-none-any.whl
Installing collected packages: dataclasses, Werkzeug, typing_extensions, zipp, importlib-metadata, click, MarkupSafe, Jinja2, flask
Successfully installed Jinja2>=3.0.3 MarkupSafe>2.0.1 Werkzeug>2.0.3 click>8.0.4 dataclasses>0.8 flask>2.0.3 importlib-metadata>4.8.3 itsdangerous>2.0.1 typing_extensions>4.1.1 zipp>3.6.0
gabriel@gabriel-Lenovo-920-13IKB: ~/iot/lesson4$ python3 hello_world.py
  * Serving Flask app 'hello_world' (lazy loading)
  * Environment: production
    WARNING: This is a development server. Do not use it in a production deployment.
    Use a production WSGI server instead.
  * Debug mode: off
  * Running on http://127.0.0.1:5000/ (Press CTRL+C to quit)
127.0.0.1 - [22/Mar/2022 18:41:52] "GET / HTTP/1.1" 200 -
127.0.0.1 - [22/Mar/2022 18:41:52] "GET /favicon.ico HTTP/1.1" 200 -
```