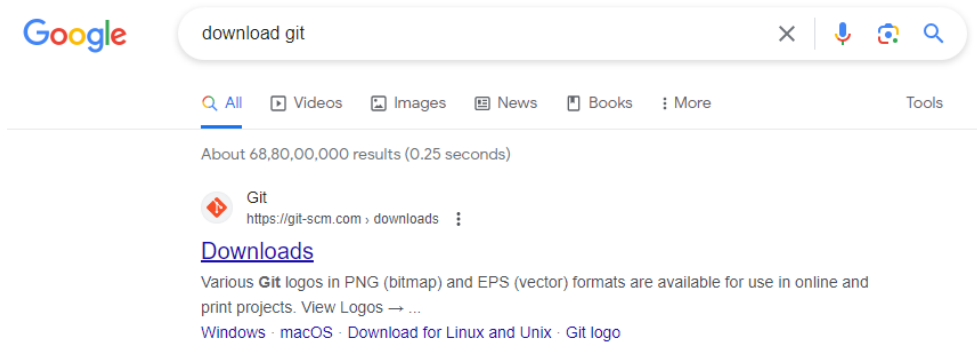
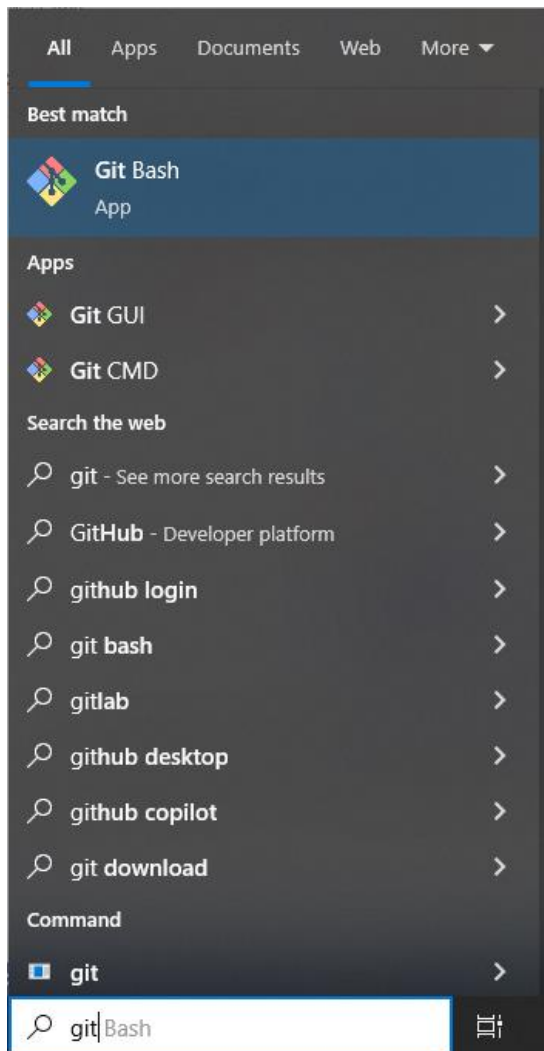


## 1. Download git and install it



Download it and install it by clicking next

## 2. Go to window search and search for




3. Create account on github login
4. Go to github and create repository


## Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

Required fields are marked with an asterisk (\*).


Owner \* Repository name \*


 tejaskasare14 /

 django\_projects is available.

Great repository names are short and memorable. Need inspiration? How about [verbose-octo-winner](#) ?

Description (optional)

☒  **Public**  
Anyone on the internet can see this repository. You choose who can commit.

☐  **Private**  
You choose who can see and commit to this repository.

Initialize this repository with:


☐ **Add a README file**  
This is where you can write a long description for your project. [Learn more about READMEs.](#)

**Add .gitignore**

Choose which files not to track from a list of templates. [Learn more about ignoring files.](#)

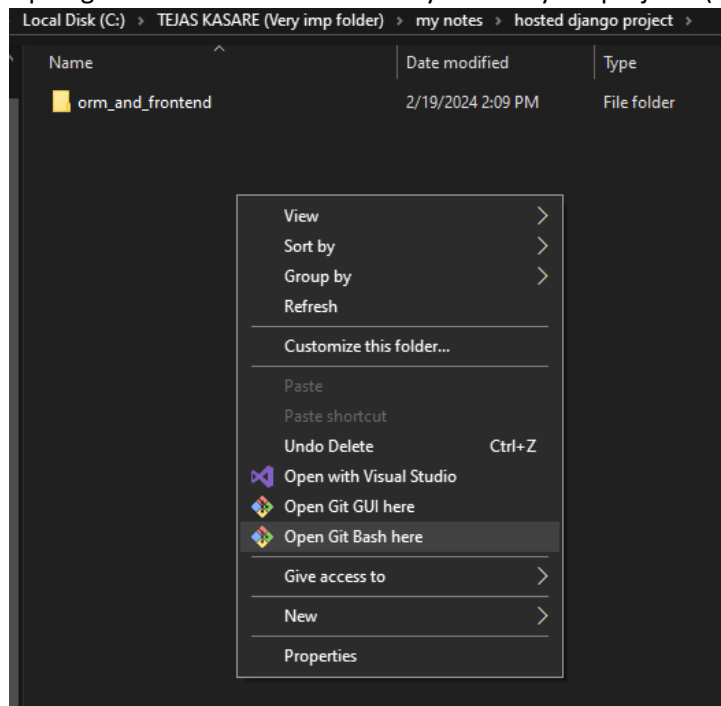
**Choose a license**

A license tells others what they can and can't do with your code. [Learn more about licenses.](#)

 You are creating a public repository in your personal account.

[Create repository](#)

5. Open git bash on the folder where you have your projects (make sure all functionalities are working fine)



6. Run following commands on git bash

```
admin@pc-16 MINGW64 /c/TEJAS KASARE (Very imp folder)/my notes/hosted django project (master)
$ git init

admin@pc-16 MINGW64 /c/TEJAS KASARE (Very imp folder)/my notes/hosted django project (master)
$ git add .

admin@pc-16 MINGW64 /c/TEJAS KASARE (Very imp folder)/my notes/hosted django project (master)
$ git config --global user.email tejaskasare.projects@gmail.com

admin@pc-16 MINGW64 /c/TEJAS KASARE (Very imp folder)/my notes/hosted django project (master)
$ git config --global user.name "tejaskasare14"

admin@pc-16 MINGW64 /c/TEJAS KASARE (Very imp folder)/my notes/hosted django project (master)
$ git commit -m "initial project uploaded"
[master (root-commit) 8b5e815] initial project uploaded
 59 files changed, 1324 insertions(+)
 create mode 100644 orm_and_frontend/manage.py
 create mode 100644 orm_and_frontend/media/image/jacket.webp
 create mode 100644 orm_and_frontend/media/image/mobile1.jpg
 create mode 100644 orm_and_frontend/media/image/mobile2.jpg
 create mode 100644 orm_and_frontend/media/image/shirt.webp
 create mode 100644 orm_and_frontend/media/image/shoe1.jpg
 create mode 100644 orm_and_frontend/media/image/shoe1_YPVBj1s.jpg
 create mode 100644 orm_and_frontend/orm_and_frontend/__init__.py
 create mode 100644 orm_and_frontend/orm_and_frontend/__pycache__/__init__.cpython-312.pyc
 create mode 100644 orm_and_frontend/orm_and_frontend/__pycache__/settings.cpython-312.pyc
 create mode 100644 orm_and_frontend/orm_and_frontend/__pycache__/urls.cpython-312.pyc
 create mode 100644 orm_and_frontend/orm_and_frontend/__pycache__/wsgi.cpython-312.pyc
 create mode 100644 orm_and_frontend/orm_and_frontend/asgi.py
 create mode 100644 orm_and_frontend/orm_and_frontend/settings.py
 create mode 100644 orm_and_frontend/orm_and_frontend/urls.py
 create mode 100644 orm_and_frontend/orm_and_frontend/wsgi.py
 create mode 100644 orm_and_frontend/product/__init__.py
 create mode 100644 orm_and_frontend/product/__pycache__/__init__.cpython-312.pyc
 create mode 100644 orm_and_frontend/product/__pycache__/admin.cpython-312.pyc
 create mode 100644 orm_and_frontend/product/__pycache__/apps.cpython-312.pyc
 create mode 100644 orm_and_frontend/product/__pycache__/models.cpython-312.pyc
 create mode 100644 orm_and_frontend/product/__pycache__/product_urls.cpython-312.pyc
 create mode 100644 orm_and_frontend/product/__pycache__/user_urls.cpython-312.pyc
 create mode 100644 orm_and_frontend/product/__pycache__/views.cpython-312.pyc
 create mode 100644 orm_and_frontend/product/admin.py
 create mode 100644 orm_and_frontend/product/apps.py
 create mode 100644 orm_and_frontend/product/migrations/0001_initial.py
 create mode 100644 orm_and_frontend/product/migrations/0002_alter_producttable_category.py
 create mode 100644 orm_and_frontend/product/migrations/0003_producttable_image.py
 create mode 100644 orm_and_frontend/product/migrations/0004_carttable.py
 create mode 100644 orm_and_frontend/product/migrations/0005_alter_carttable_pid_alter_carttable_uid.py
 create mode 100644 orm_and_frontend/product/migrations/0006_carttable_quantity.py
 create mode 100644 orm_and_frontend/product/migrations/0007_ordertable.py
 create mode 100644 orm_and_frontend/product/migrations/0008_customerdetails.py
 create mode 100644 orm_and_frontend/product/migrations/__init__.py
 create mode 100644 orm_and_frontend/product/migrations/__pycache__/0001_initial.cpython-312.pyc
 create mode 100644 orm_and_frontend/product/migrations/__pycache__/0002_alter_producttable_category.cpython-312.pyc
 create mode 100644 orm_and_frontend/product/migrations/__pycache__/0003_producttable_image.cpython-312.pyc
 create mode 100644 orm_and_frontend/product/migrations/__pycache__/0004_carttable.cpython-312.pyc
 create mode 100644 orm_and_frontend/product/migrations/__pycache__/0005_alter_carttable_pid_alter_carttable_uid.cpython-312.pyc
 create mode 100644 orm_and_frontend/product/migrations/__pycache__/0006_carttable_quantity.cpython-312.pyc
 create mode 100644 orm_and_frontend/product/migrations/__pycache__/0007_ordertable.cpython-312.pyc
 create mode 100644 orm_and_frontend/product/migrations/__pycache__/0008_customerdetails.cpython-312.pyc
 create mode 100644 orm_and_frontend/product/migrations/__pycache__/__init__.cpython-312.pyc
 create mode 100644 orm_and_frontend/product/models.py
 create mode 100644 orm_and_frontend/product/product_urls.py
 create mode 100644 orm_and_frontend/product/tests.py
 create mode 100644 orm_and_frontend/product/user_urls.py
 create mode 100644 orm_and_frontend/product/views.py
 create mode 100644 orm_and_frontend/static/css/product_style.css
```

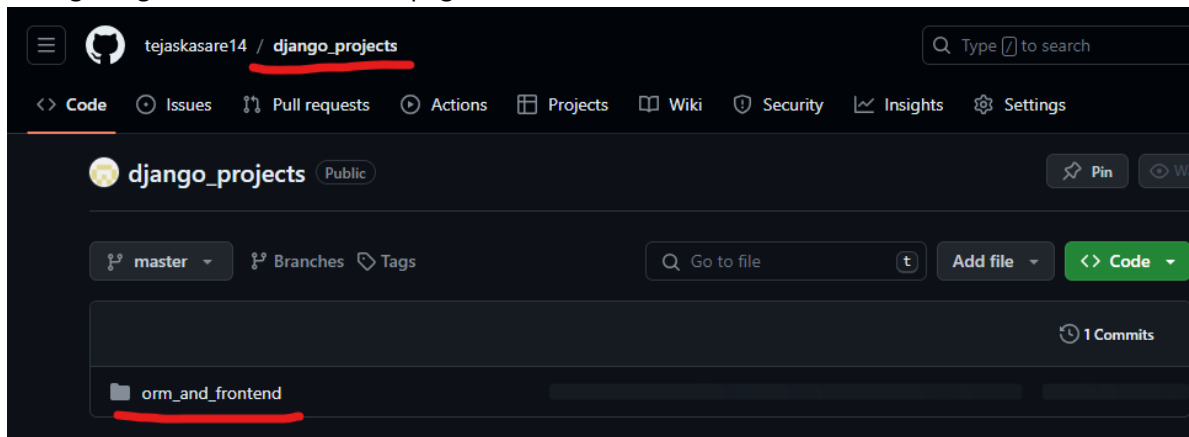
```
create mode 100644 orm_and_frontend/static/images/shirt.webp
create mode 100644 orm_and_frontend/templates/product/cart.html
create mode 100644 orm_and_frontend/templates/product/index.html
create mode 100644 orm_and_frontend/templates/product/order.html
create mode 100644 orm_and_frontend/templates/product/pay.html
create mode 100644 orm_and_frontend/templates/product/product_detail.html
create mode 100644 orm_and_frontend/templates/user/edit_profile.html
create mode 100644 orm_and_frontend/templates/user/login.html
create mode 100644 orm_and_frontend/templates/user/register.html
```

```
admin@pc-16 MINGW64 /c/TEJAS KASARE (Very imp folder)/my notes/hosted django project (master)
$ git remote add origin https://github.com/tejaskasare14/django_projects.git
```

```
admin@pc-16 MINGW64 /c/TEJAS KASARE (Very imp folder)/my notes/hosted django project (master)
$ git push -u origin master
```

```
Enumerating objects: 72, done.
Counting objects: 100% (72/72), done.
Delta compression using up to 4 threads
Compressing objects: 100% (67/67), done.
Writing objects: 100% (72/72), 64.85 KiB | 4.32 MiB/s, done.
Total 72 (delta 18), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (18/18), done.
To https://github.com/tejaskasare14/django_projects.git
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.
```

7. Now go to github and refresh the page



You will get your project on github, DONE!!!!!!!!!!!!!!

## 8. DEPLOYING PROJECT on pythonanywhere

- Check python and django version in your system

```
C:\Users\admin>python --version
Python 3.12.0

C:\Users\admin>python
Python 3.12.0 (tags/v3.12.0:0fb18b0, Oct  2 2023, 13:03:39) [MSC v.1935 64 bit (AMD64)] on win32

Type "help", "copyright", "credits" or "license" for more information.
>>> import django
>>> django.__version__
'4.2.6'
>>>
```

- Sign up on python anywhere
- Create virtual environment on pythonanywhere
  - Open bash from pythonanywhere dashboard

www.pythonanywhere.com/user/tejaskasare14/

Send feedback Forums Help Blog Account Log out

pythonanywhere by ANACONDA

Dashboard Consoles Files Web Tasks Databases

**Warning** You have not confirmed your email address yet. This means that you will not be able to reset your password if you lose it. If you cannot find your confirmation email anymore, send yourself a new one [here](#).

# Dashboard

Welcome, [tejaskasare14](#)

**CPU Usage:** 0% used – 0.00s of 100s. Resets in 23 hours, 59 minutes [More Info](#)

**File storage:** 0% full – 60.0 KB of your 512.0 MB quota [More Info](#)

[Upgrade Account](#)

### Recent Consoles

+ 5 -

You have no recent consoles.

**New console:**

**\$ Bash** >>> Python > More...

### Recent Files

+ 5 -

You have no recently edited files.

[+ Open another file](#) [Browse files](#)

### Recent Notebooks

+ 5 -

Your account does not support Jupyter Notebooks. [Upgrade your account](#) to get access!

### All Web apps

You don't have any web apps.

[Open Web tab](#)

## Install virtual environment

```
09:37 ~ $ pip install virtualenv
Defaulting to user installation because normal site-packages is not writeable
Looking in links: /usr/share/pip-wheels
Requirement already satisfied: virtualenv in /usr/local/lib/python3.10/site-packages (20.15.1)
Requirement already satisfied: filelock<4,>=3.2 in /usr/local/lib/python3.10/site-packages (from virtualenv) (3.4.2)
Requirement already satisfied: distlib<1,>=0.3.1 in /usr/local/lib/python3.10/site-packages (from virtualenv) (0.3.5)
Requirement already satisfied: platformdirs<3,>=2 in /usr/local/lib/python3.10/site-packages (from virtualenv) (2.5.2)
Requirement already satisfied: six<2,>=1.9.0 in /usr/local/lib/python3.10/site-packages (from virtualenv) (1.16.0)
09:39 ~ $ mkvirtualenv --python=python3.12.0 my_vr_env
RuntimeError: failed to find interpreter for Builtin discover of python_spec='python 3.12.0'
```

## Creating virtual environment

```
09:39 ~ $ mkvirtualenv my_vr_env
```

```
created virtual environment CPython3.10.5.final.0-64 in 119670ms
creator CPython3Posix(dest=/home/tejaskasare14/.virtualenvs/my_vr_env, clear=False
, no_vcs_ignore=False, global=False)
seeder FromAppData(download=False, pip=bundle, setuptools=bundle, wheel=bundle, vi
a=copy, app_data_dir=/home/tejaskasare14/.local/share/virtualenv)
added seed packages: pip==22.1.2, setuptools==62.6.0, wheel==0.37.1
activators BashActivator,CShellActivator,FishActivator,NushellActivator,PowerShell
Activator,PythonActivator

virtualenvwrapper.user_scripts creating /home/tejaskasare14/.virtualenvs/my_vr_env/b
in/predeactivate
virtualenvwrapper.user_scripts creating /home/tejaskasare14/.virtualenvs/my_vr_env/b
in/postdeactivate
virtualenvwrapper.user_scripts creating /home/tejaskasare14/.virtualenvs/my_vr_env/b
in/preactivate
virtualenvwrapper.user_scripts creating /home/tejaskasare14/.virtualenvs/my_vr_env/b
in/postactivate
virtualenvwrapper.user_scripts creating /home/tejaskasare14/.virtualenvs/my_vr_env/b
in/get_env_details
(my_vr_env) 09:42 ~ $
```

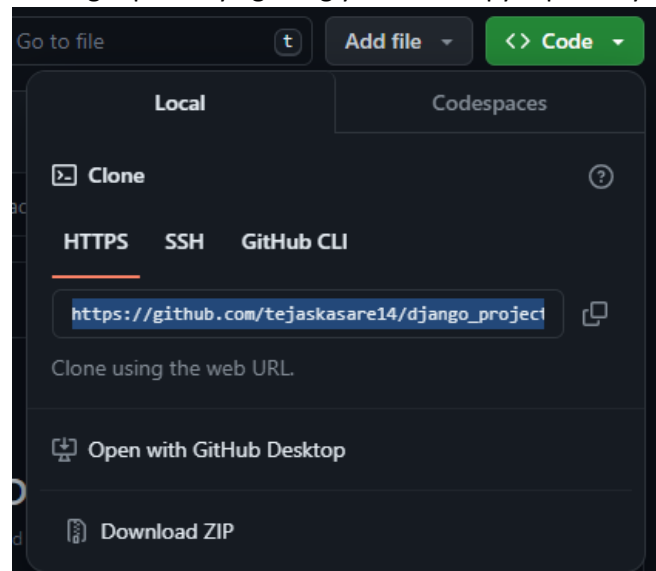
## Installing Django

```
(my_vr_env) 09:42 ~ $ pip install -U django==4.2.6
Looking in links: /usr/share/pip-wheels
Collecting django==4.2.6
  Downloading Django-4.2.6-py3-none-any.whl (8.0 MB)
----- 8.0/8.0 MB 4.5 MB/s eta 0:00:00
Collecting asgiref<4,>=3.6.0
  Downloading asgiref-3.7.2-py3-none-any.whl (24 kB)
Collecting sqlparse>=0.3.1
  Downloading sqlparse-0.4.4-py3-none-any.whl (41 kB)
----- 41.2/41.2 kB 78.8 kB/s eta 0:00:00
Collecting typing_extensions>=4
  Downloading typing_extensions-4.9.0-py3-none-any.whl (32 kB)
Installing collected packages: typing_extensions, sqlparse, asgiref, django
```

## Checking Django version

```
(my_vr_env) 10:10 ~ $ pip list
Package            Version
-----
asgiref            3.7.2
Django             4.2.6
pip               22.1.2
setuptools         62.6.0
sqlparse           0.4.4
typing_extensions  4.9.0
wheel             0.37.1
(my_vr_env) 10:11 ~ $
```

Cloning repository : go to giyhub and copy repository url



Cloning repository on pythonanywhere

```
(my_vr_env) 10:11 ~ $ git clone https://github.com/tejaskasare14/django_projects.git
Cloning into 'django_projects'...
remote: Enumerating objects: 72, done.
remote: Counting objects: 100% (72/72), done.
remote: Compressing objects: 100% (49/49), done.
remote: Total 72 (delta 18), reused 72 (delta 18), pack-reused 0
Unpacking objects: 100% (72/72), 64.83 KiB | 3.00 KiB/s, done.
Updating files: 100% (59/59), done.
(my_vr_env) 10:15 ~ $
```

Changing location to our project location

```
(my_vr_env) 10:15 ~ $ ls
README.txt  django_projects
(my_vr_env) 10:16 ~ $ cd
.cache/      .ipython/    .local/      .virtualenvs/  django_projects/
(my_vr_env) 10:16 ~ $ cd django_projects
(my_vr_env) 10:17 ~/django_projects (master)$ ls
orm_and_frontend
(my_vr_env) 10:17 ~/django_projects (master)$ cd orm_and_frontend
```

Installing mysqlclient

```
(my_vr_env) 10:18 ~/django_projects/orm_and_frontend (master)$ pip install mysqlclient
Looking in links: /usr/share/pip-wheels
Collecting mysqlclient
  Downloading mysqlclient-2.2.4.tar.gz (90 kB)
    90.4/90.4 kB 215.0 kB/s eta 0:00:00
  Installing build dependencies ... done
  Getting requirements to build wheel ... done
  Installing backend dependencies ... done
  Preparing metadata (pyproject.toml) ... done
Building wheels for collected packages: mysqlclient
  Building wheel for mysqlclient (pyproject.toml) ... done
  Created wheel for mysqlclient: filename=mysqlclient-2.2.4-cp310-cp310-linux_x86_64.whl size=1322
53 sha256=8118af3d3326e3cf71ebdc37804dcd895815953b3a28d9d62f7d8e2deddc44a0
  Stored in directory: /home/tejaskasare14/.cache/pip/wheels/ac/96/ac/2a4d8cb58a4d95de1dff3f8b0ea
42e0e5b63ab97640edbd3
Successfully built mysqlclient
Installing collected packages: mysqlclient
Successfully installed mysqlclient-2.2.4
```

Installing razorpay


```
(my_vr_env) 10:22 ~/django_projects/orm_and_frontend (master)$ pip install razorpay
Looking in links: /usr/share/pip-wheels
Collecting razorpay
  Downloading razorpay-1.4.1-py3-none-any.whl (172 kB)
    172.9/172.9 kB 1.4 MB/s eta 0:00:00
Collecting requests
  Downloading requests-2.31.0-py3-none-any.whl (62 kB)
    62.6/62.6 kB 65.5 kB/s eta 0:00:00
Collecting certifi>=2017.4.17
  Downloading certifi-2024.2.2-py3-none-any.whl (163 kB)
    163.8/163.8 kB 538.1 kB/s eta 0:00:00
Collecting charset-normalizer<4,>=2
  Downloading charset-normalizer-3.3.2-cp310-cp310-manylinux_2_17_x86_64.manylinux2014_x86_64.whl
(142 kB)
    142.1/142.1 kB 2.3 MB/s eta 0:00:00
Collecting urllib3<3,>=1.21.1
  Downloading urllib3-2.2.1-py3-none-any.whl (121 kB)
    121.1/121.1 kB 470.8 kB/s eta 0:00:00
Collecting idna<4,>=2.5
  Downloading idna-3.6-py3-none-any.whl (61 kB)
    61.6/61.6 kB 71.3 kB/s eta 0:00:00
Installing collected packages: urllib3, idna, charset-normalizer, certifi, requests, razorpay
Successfully installed certifi-2024.2.2 charset-normalizer-3.3.2 idna-3.6 razorpay-1.4.1 requests-
2.31.0 urllib3-2.2.1
```

Installing pillow

```
(my_vr_env) 10:23 ~/django_projects/orm_and_frontend (master)$ pip install pillow
Looking in links: /usr/share/pip-wheels
Collecting pillow
  Downloading pillow-10.2.0-cp310-cp310-manylinux_2_28_x86_64.whl (4.5 MB)
    4.5/4.5 MB 7.9 MB/s eta 0:00:00
Installing collected packages: pillow
Successfully installed pillow-10.2.0
```



## Creating mysql database in python anywhere

 pythonanywhere  
by ANACONDA

Dashboard Consoles Files Web Tasks **Databases**

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**MySQL** **2**  
Postgres

### Initialize MySQL

Let's get started! The first thing to do is to initialize a MySQL server:

Enter a new password in the form below, and note it down: you'll need it to access the databases once you've created them. You will only need to do this once.

**New password:**

**Confirm password:** **3**

**Initialize MySQL**

This should be different to your main PythonAnywhere password, because it is likely to appear in plain text in any web applications you write.

← → ↺ [www.pythonanywhere.com/user/tejaskasare14/databases/](https://www.pythonanywhere.com/user/tejaskasare14/databases/) ⌵ ☆ ⓘ ⚙ 📄 🗂 📱 👤 ⋮

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 pythonanywhere  
by ANACONDA

Dashboard Consoles Files Web Tasks **Databases**

Your MySQL service is now ready. Details below. ✕

**Warning** You have not confirmed your email address yet. This means that you will not be able to reset your password if you lose it. If you cannot find your confirmation email anymore, send yourself a new one [here](#).

**MySQL**  
Postgres

### MySQL settings

Connecting: \_\_\_\_\_

Use these settings in your web applications.

Database host address:	tejaskasare14.mysql.pythonanywhere-services.com
Username:	tejaskasare14

Since you have a free account, you will only be able to connect to your database using code running inside PythonAnywhere.

ii.