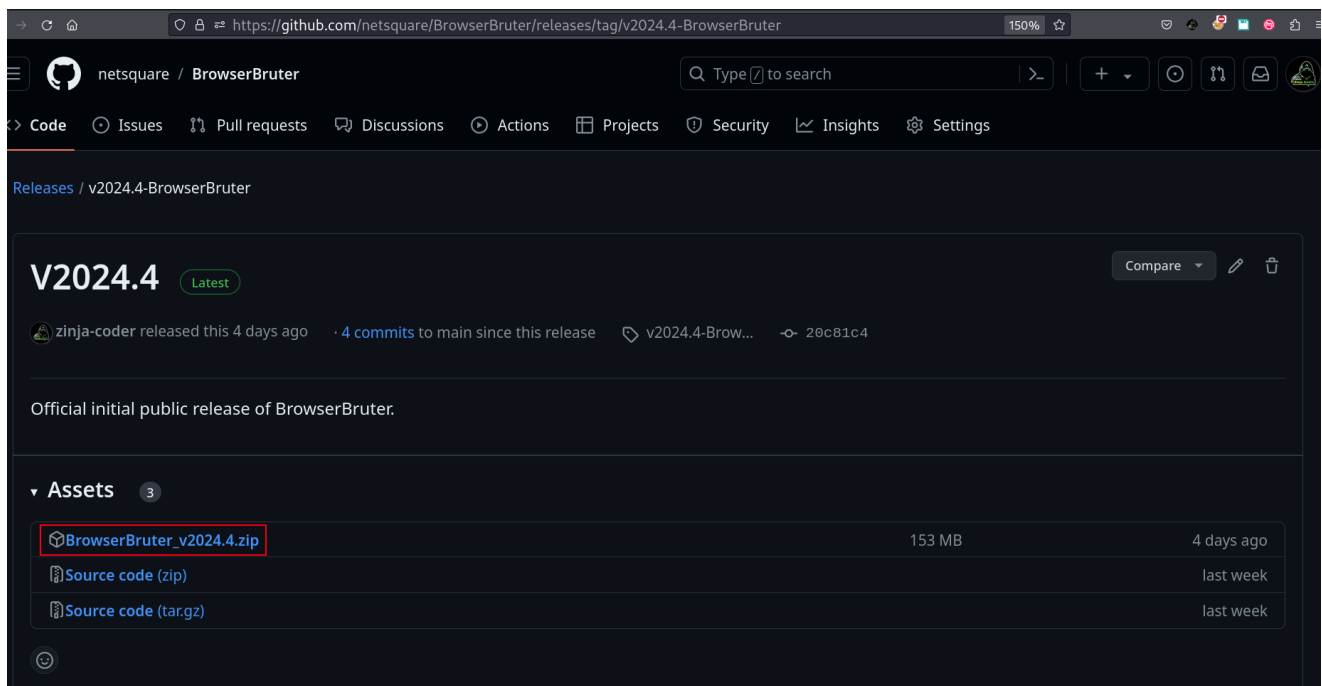# Installation-Prerequisite

Downloading & Installing the BorwserBruter

Get the latest release file from the github repository -

```
https://github.com/netsquare/BrowserBruter/releases
```


Using PIP

---

1. Install the required packages using - `pip3 install -r requirements.txt`

1.

2. If you get errors even after installing the packages, re-run the above command as follows - `pip3 install -U -r requirements.txt` to upgrade the existing packages.

Using Virtual Environment - venv

If you are facing any issue while installing the BrowserBruter using `pip`. You can setup the BrowserBruter with `venv` too. Setting up BrowserBruter with venv is straight-forward process.

1. First install the `ven` using following command - `sudo apt install python3.11-venv`

1.

2. If you get following error `Package 'python3.11-venv' has no installation candidate`, run following command - `sudo apt update -y && sudo apt upgrade -y` and try again.

3. If you still getting the errors, run following command - `sudo apt install python3-virtualenv`

4. For any strange reason, If you still can not install the venv package, you can manually download it from here,

then install it using `sudo apt install ./downloaded-package.deb`

     5. We need to install this only **once**.

2. Then navigate inside the BrowserBruter directory and run following command - `python3 -m venv venv`

     1. We need to run this command only **once**.

3. Activate the virtual environment using following - `source venv/bin/activate`

4. Install the required packages using following command - `pip3 install -r requirements.txt`
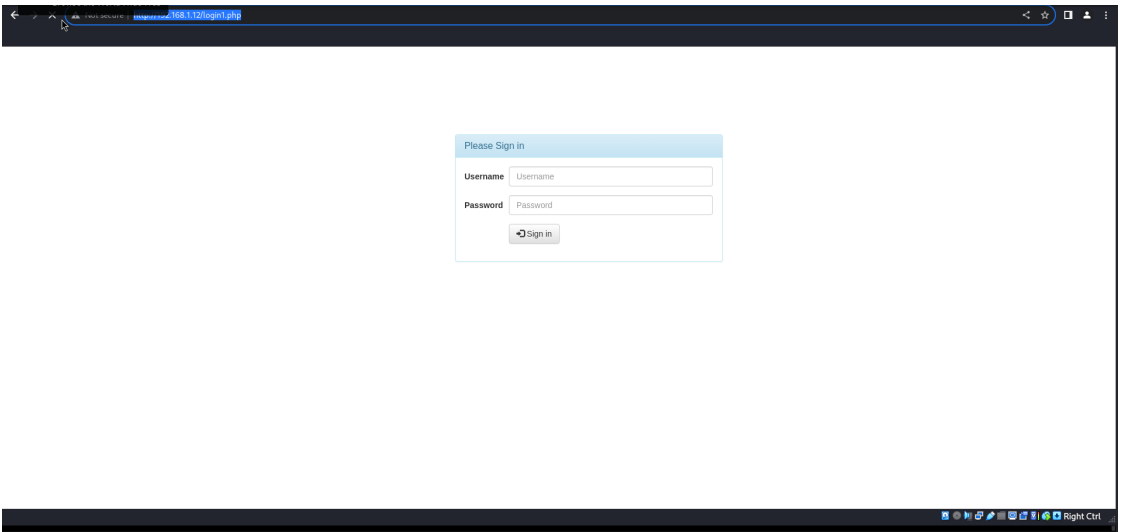
     1. We need to install packages only **once**.

     2.


```
┌──(kali㉿kali)-[/tmp/BrowserBruter]
└─$ python3 -m venv venv

┌──(kali㉿kali)-[/tmp/BrowserBruter]
└─$ source venv/bin/activate

┌──(venv)─(kali㉿kali)-[/tmp/BrowserBruter]
└─$ pip3 install -r requirements.txt
Collecting selenium==4.17.2 (from -r requirements.txt (line 1))
  Using cached selenium-4.17.2-py3-none-any.whl.metadata (6.9 kB)
Collecting selenium-wire==5.1.0 (from -r requirements.txt (line 2))
  Using cached selenium_wire-5.1.0-py3-none-any.whl.metadata (49 kB)
```
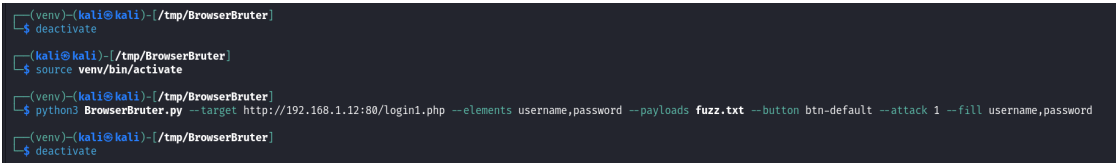
5. Use The BrowserBruter tool

     1.

     2.

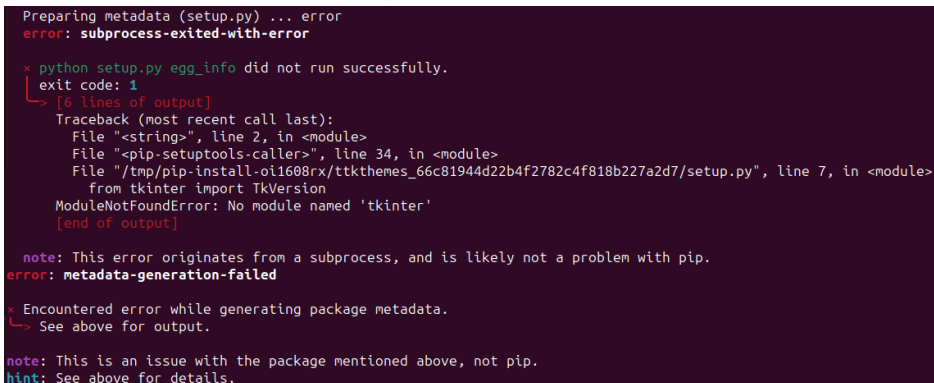6. Get out of the virtual environment using - `deactivate`

1.

2. Use `deactivate` to get out of the virtual environment.

3. Now to re-run the tool - repeat **step 3, step 5 and step 6.**

4.

TroubleShooting

1. Getting **"ModuleNotFoundError: No module named 'tkinter'"** while running `pip3 install -r requirements.txt` -

Solution - run following command to install the tkinter library -
`sudo apt install python3-tk`

Set up the lab

Run following command to download & run the dokcer container of the lab -

```
sudo docker run --rm -p 80:80 hpandro/vims
```


Then get the container ID using following command -

```
sudo docker container ls -a
```


Copy the Container ID and start mysql service using following command -

```
sudo docker exec -it 5da87dfadc6f service mysql start
```


Test if it is working or not by visiting - `http://localhost/`

Login with AES Encryption with static Key
Login with AES Encryption with dynamic Key
Login parameter Encryption with dynamic AES Key and AES encryption key encrypt with RSA
Login with RSA Encryption