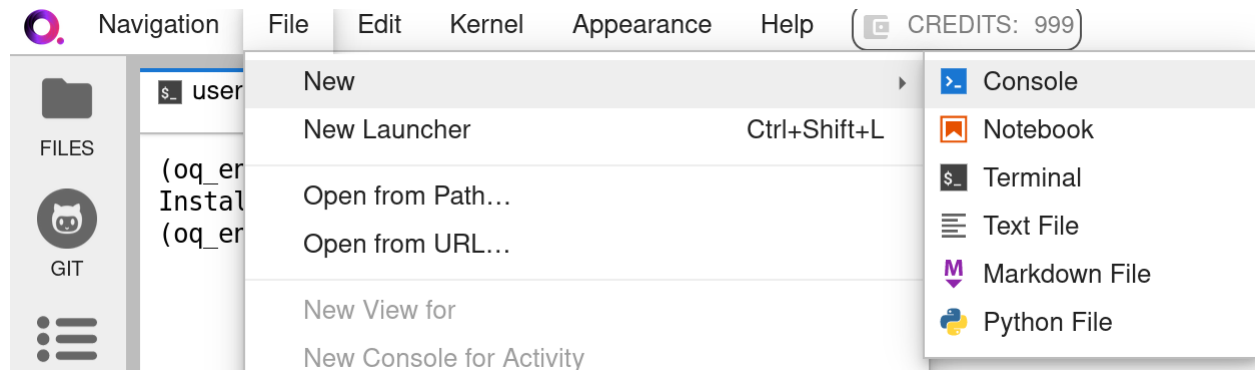


Install OpenQAOA on QBRAID

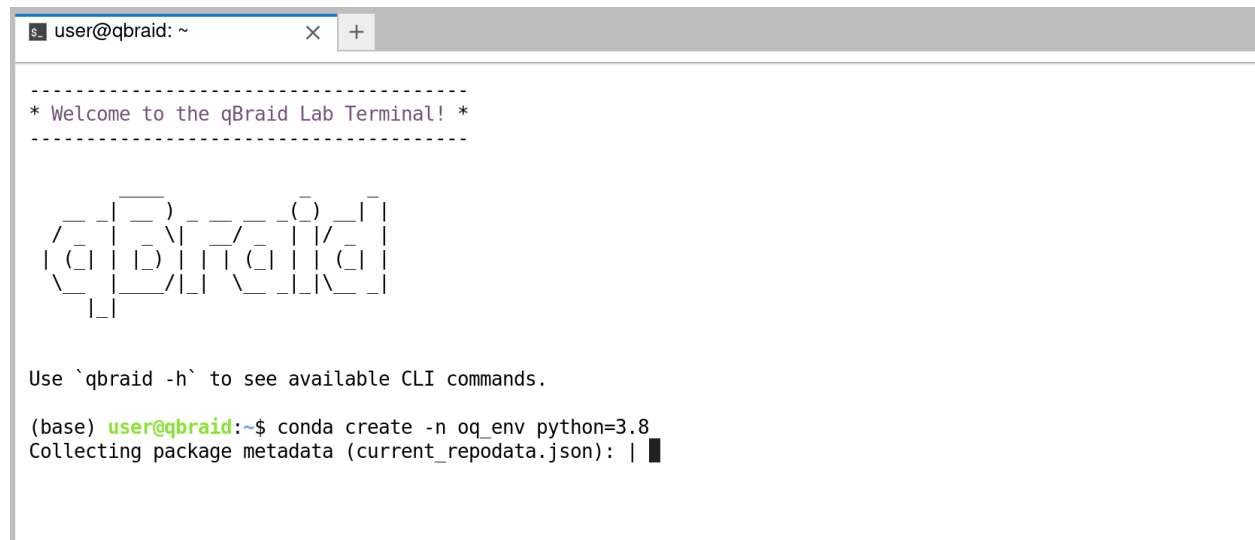
From file→new→terminal open a new terminal window



Once the terminal loads, create a new coda environment by typing

```
$ conda create -n oq_env python=3.8
```

(The flag `-n oq_env` specifies that the new environment will be called ``oq_env``)



To activate this environment, use

```
$ conda activate oq_env
```

```
(base) user@qbraid:~$ conda activate oq_env
(oq_env) user@qbraid:~$
```

Now, we need to install OpenQAOA. It is easy! Just type

```
$ pip install openqaoa
```

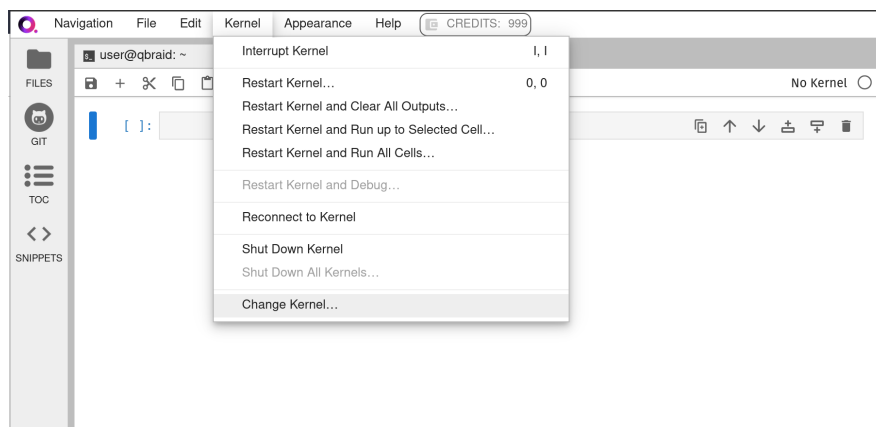
```
(oq_env) user@qbraid:~$ pip install openqaoa
Collecting openqaoa
```

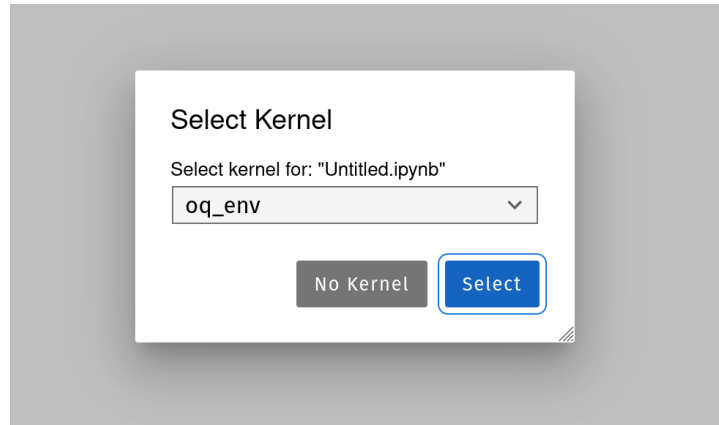
Finally, we need to link jupyter lab and the new environment that we have just created. To achieve this, just type

```
$ ipython kernel install --user --name=oq_env
```

```
(oq_env) user@qbraid:~$ ipython kernel install --user --name=oq_env
Installed kernelspec oq_env in /home/jovyan/.local/share/jupyter/kernels/oq_env
(oq_env) user@qbraid:~$
```

Now, just create a new notebook, and change the kernel to oq_env!





And verify that all is working correctly:

