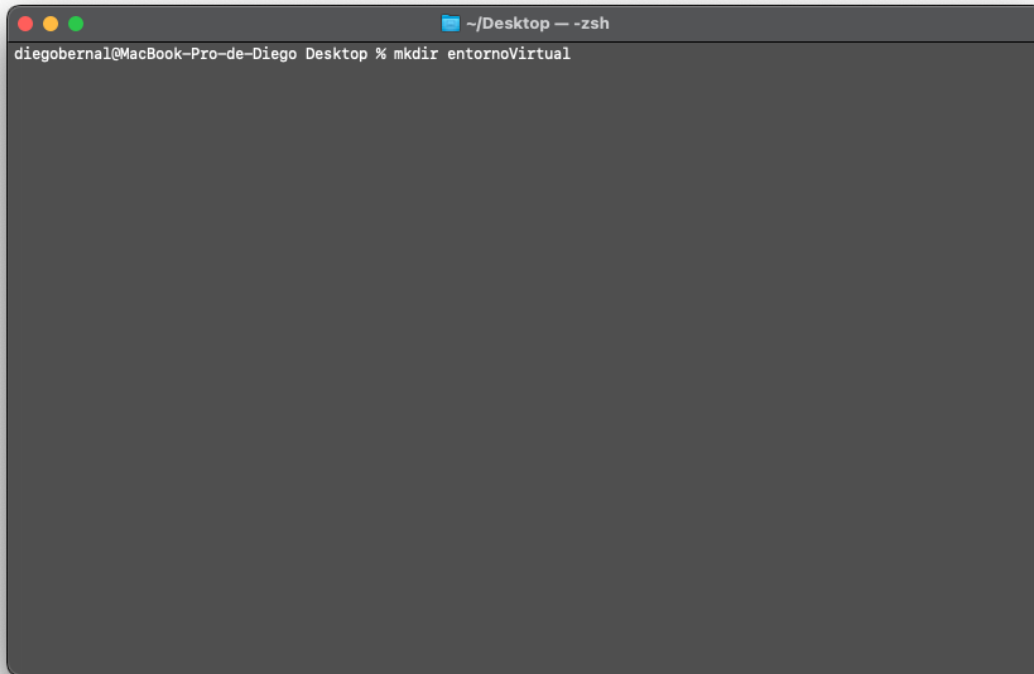


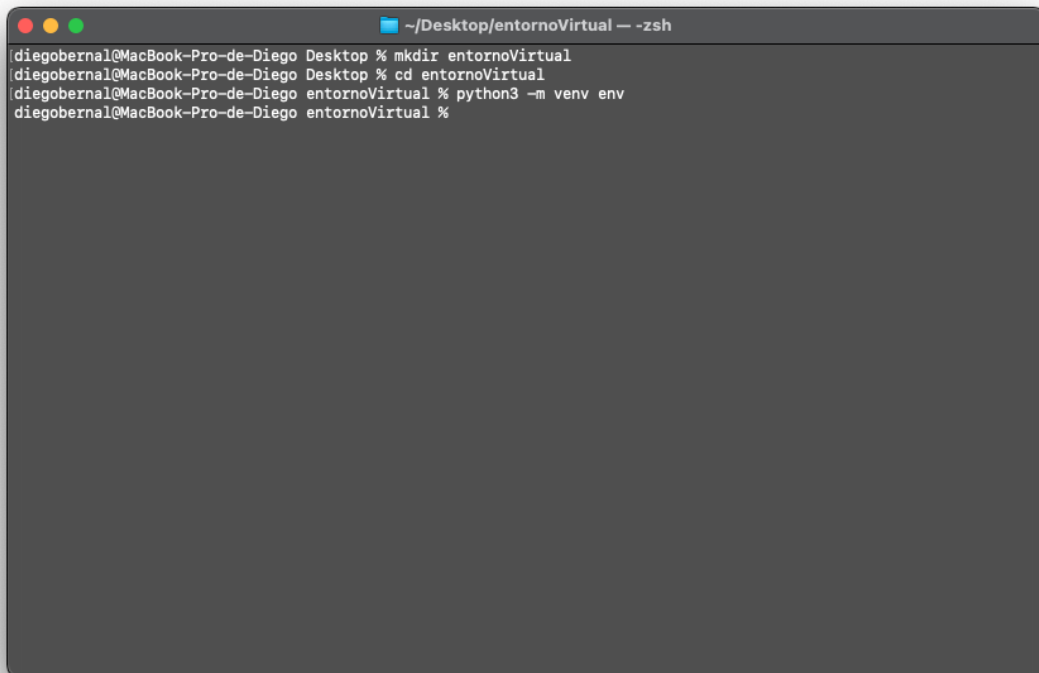
Kata 02

- Ingresamos a la terminal y creamos una carpeta en el escritorio:



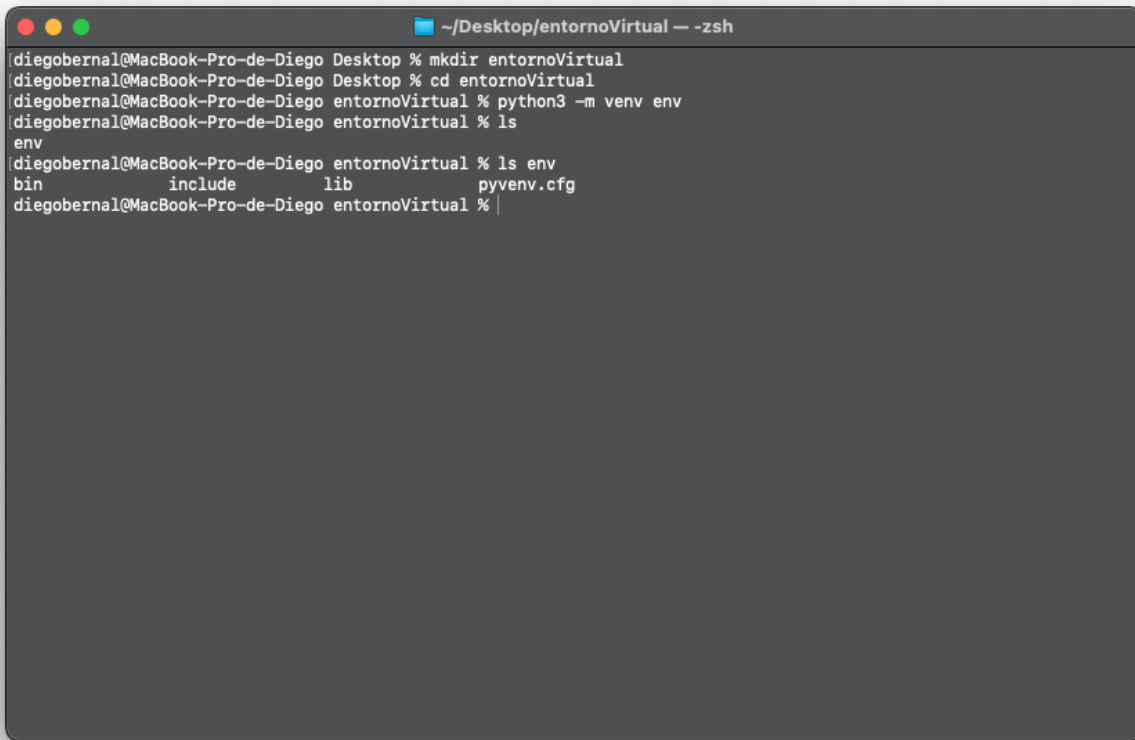
```
~/Desktop -- zsh
diegobernal@MacBook-Pro-de-Diego Desktop % mkdir entornoVirtual
```

- Ejecutamos el comando en la terminal para crear el entorno virtual



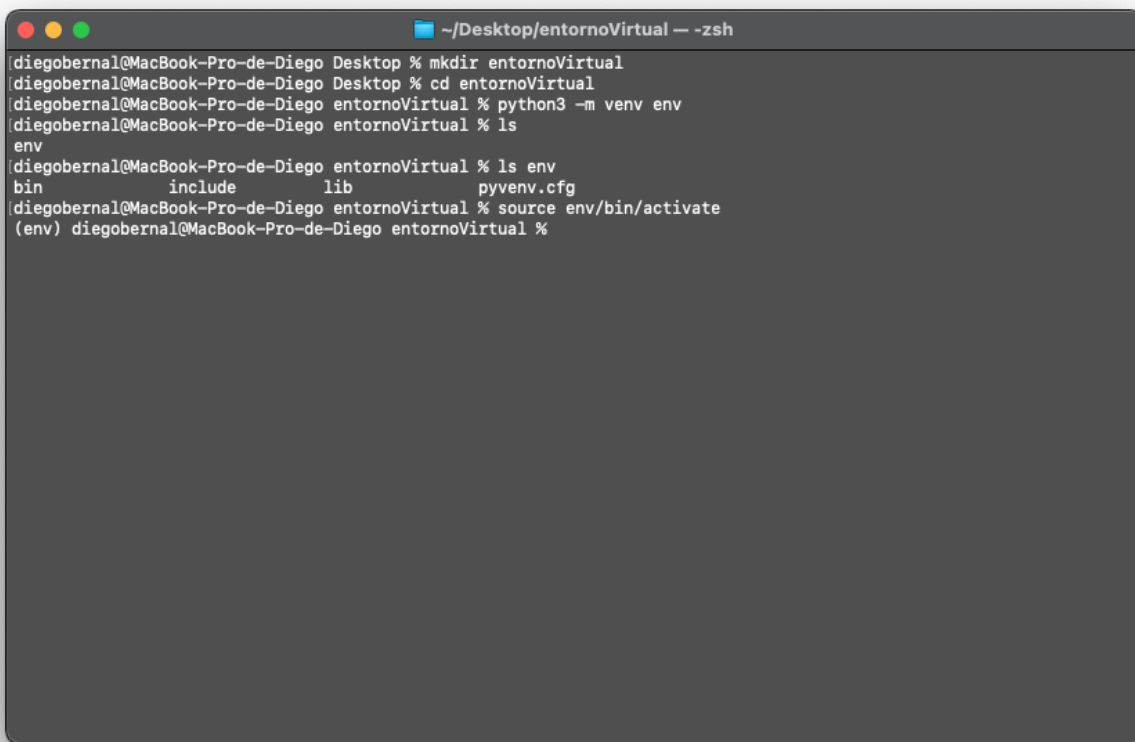
```
~/Desktop/entornoVirtual -- zsh
diegobernal@MacBook-Pro-de-Diego Desktop % mkdir entornoVirtual
diegobernal@MacBook-Pro-de-Diego Desktop % cd entornoVirtual
diegobernal@MacBook-Pro-de-Diego entornoVirtual % python3 -m venv env
diegobernal@MacBook-Pro-de-Diego entornoVirtual %
```

- Vemos la nueva carpeta y su contenido:



```
~/Desktop/entornoVirtual — zsh
diegobernal@MacBook-Pro-de-Diego Desktop % mkdir entornoVirtual
diegobernal@MacBook-Pro-de-Diego Desktop % cd entornoVirtual
diegobernal@MacBook-Pro-de-Diego entornoVirtual % python3 -m venv env
diegobernal@MacBook-Pro-de-Diego entornoVirtual % ls
env
diegobernal@MacBook-Pro-de-Diego entornoVirtual % ls env
bin          include     lib         pyvenv.cfg
diegobernal@MacBook-Pro-de-Diego entornoVirtual %
```

- Activamos el entorno virtual (en Linux, WSL or macOS):



```
~/Desktop/entornoVirtual — zsh
diegobernal@MacBook-Pro-de-Diego Desktop % mkdir entornoVirtual
diegobernal@MacBook-Pro-de-Diego Desktop % cd entornoVirtual
diegobernal@MacBook-Pro-de-Diego entornoVirtual % python3 -m venv env
diegobernal@MacBook-Pro-de-Diego entornoVirtual % ls
env
diegobernal@MacBook-Pro-de-Diego entornoVirtual % ls env
bin          include     lib         pyvenv.cfg
diegobernal@MacBook-Pro-de-Diego entornoVirtual % source env/bin/activate
(env) diegobernal@MacBook-Pro-de-Diego entornoVirtual %
```

- Con el entorno virtual activado “(env)”, vemos las bibliotecas instaladas en él:

```
~/Desktop/entornoVirtual -- zsh
diegobernal@MacBook-Pro-de-Diego Desktop % mkdir entornoVirtual
diegobernal@MacBook-Pro-de-Diego Desktop % cd entornoVirtual
diegobernal@MacBook-Pro-de-Diego entornoVirtual % python3 -m venv env
diegobernal@MacBook-Pro-de-Diego entornoVirtual % ls
env
diegobernal@MacBook-Pro-de-Diego entornoVirtual % ls env
bin          include      lib          pyvenv.cfg
diegobernal@MacBook-Pro-de-Diego entornoVirtual % source env/bin/activate
(env) diegobernal@MacBook-Pro-de-Diego entornoVirtual % pip freeze
(env) diegobernal@MacBook-Pro-de-Diego entornoVirtual %
```

- Como no hay ninguna biblioteca instalada, vamos a instalar una:

```
~/Desktop/entornoVirtual -- zsh
diegobernal@MacBook-Pro-de-Diego Desktop % mkdir entornoVirtual
diegobernal@MacBook-Pro-de-Diego Desktop % cd entornoVirtual
diegobernal@MacBook-Pro-de-Diego entornoVirtual % python3 -m venv env
diegobernal@MacBook-Pro-de-Diego entornoVirtual % ls
env
diegobernal@MacBook-Pro-de-Diego entornoVirtual % ls env
bin          include      lib          pyvenv.cfg
diegobernal@MacBook-Pro-de-Diego entornoVirtual % source env/bin/activate
(env) diegobernal@MacBook-Pro-de-Diego entornoVirtual % pip freeze
(env) diegobernal@MacBook-Pro-de-Diego entornoVirtual % pip install python-dateutil
Collecting python-dateutil
  Using cached python_dateutil-2.8.2-py2.py3-none-any.whl (247 kB)
Collecting six>=1.5
  Using cached six-1.16.0-py2.py3-none-any.whl (11 kB)
Installing collected packages: six, python-dateutil
Successfully installed python-dateutil-2.8.2 six-1.16.0
WARNING: You are using pip version 20.2.3; however, version 22.0.3 is available.
You should consider upgrading via the '/Users/diegobernal/Desktop/entornoVirtual/env/bin/python3 -m pip install --up
grade pip' command.
(env) diegobernal@MacBook-Pro-de-Diego entornoVirtual %
```

- Una vez instalada la biblioteca, volvemos a listar las instalaciones en el entorno virtual:

```
~/Desktop/entornoVirtual -- zsh
[diegobernal@MacBook-Pro-de-Diego Desktop % mkdir entornoVirtual
[diegobernal@MacBook-Pro-de-Diego Desktop % cd entornoVirtual
[diegobernal@MacBook-Pro-de-Diego entornoVirtual % python3 -m venv env
[diegobernal@MacBook-Pro-de-Diego entornoVirtual % ls
env
[diegobernal@MacBook-Pro-de-Diego entornoVirtual % ls env
bin          include      lib          pyenv.cfg
[diegobernal@MacBook-Pro-de-Diego entornoVirtual % source env/bin/activate
(env) diegobernal@MacBook-Pro-de-Diego entornoVirtual % pip freeze
[env] diegobernal@MacBook-Pro-de-Diego entornoVirtual % pip install python-dateutil
Collecting python-dateutil
  Using cached python_dateutil-2.8.2-py2.py3-none-any.whl (247 kB)
Collecting six>=1.5
  Using cached six-1.16.0-py2.py3-none-any.whl (11 kB)
Installing collected packages: six, python-dateutil
Successfully installed python-dateutil-2.8.2 six-1.16.0
WARNING: You are using pip version 20.2.3; however, version 22.0.3 is available.
You should consider upgrading via the '/Users/diegobernal/Desktop/entornoVirtual/env/bin/python3 -m pip install --up
grade pip' command.
[env] diegobernal@MacBook-Pro-de-Diego entornoVirtual % pip freeze
python-dateutil==2.8.2
six==1.16.0
[env] diegobernal@MacBook-Pro-de-Diego entornoVirtual %
```