

Lista de exercícios sobre o Conda.

Residente: Alexandre Marcondes

1. Crie ao menos três ambientes conda.

Comandos executados e telas retornadas:

conda create -n env1

```
(base) alexandremarcondes@hub-G3-3590:~$ conda create -n env1
Collecting package metadata (current_repodata.json): done
Solving environment: done

## Package Plan ##

  environment location: /home/alexandremarcondes/miniconda3/envs/env1

Proceed ([y]/n)? y
Preparing transaction: done
Verifying transaction: done
Executing transaction: done
#
# To activate this environment, use
#
#     $ conda activate env1
#
# To deactivate an active environment, use
#
#     $ conda deactivate
```

conda create -n env2

```
(base) alexandremarcondes@hub-G3-3590:~$ conda create -n env2
Collecting package metadata (current_repodata.json): done
Solving environment: done

## Package Plan ##

  environment location: /home/alexandremarcondes/miniconda3/envs/env2

Proceed ([y]/n)? y

Preparing transaction: done
Verifying transaction: done
Executing transaction: done
#
# To activate this environment, use
#
#     $ conda activate env2
#
# To deactivate an active environment, use
#
#     $ conda deactivate
#
(base) alexandremarcondes@hub-G3-3590:~$
```

conda create -n env3

```
(base) alexandremarcondes@hub-G3-3590:~$ conda create -n env3
Collecting package metadata (current_repodata.json): done
Solving environment: done

## Package Plan ##

  environment location: /home/alexandremarcondes/miniconda3/envs/env3

Proceed ([y]/n)? y

Preparing transaction: done
Verifying transaction: done
Executing transaction: done
#
# To activate this environment, use
#
#     $ conda activate env3
#
# To deactivate an active environment, use
#
#     $ conda deactivate
#
(base) alexandremarcondes@hub-G3-3590:~$
```

2. Liste os ambientes criados.

Comando executado e tela retornada:

conda env list

```
(base) alexandremarcondes@hub-G3-3590:~$ conda env list
# conda environments:
#
base                *  /home/alexandremarcondes/miniconda3
env1                 /home/alexandremarcondes/miniconda3/envs/env1
env2                 /home/alexandremarcondes/miniconda3/envs/env2
env3                 /home/alexandremarcondes/miniconda3/envs/env3

(base) alexandremarcondes@hub-G3-3590:~$
```

3. Instale ao menos dois pacotes em cada ambiente.

Instalação no ambiente 1.

Comandos executados e telas retornadas:

conda install numpy

```
(env1) alexandremarcondes@hub-G3-3590:~$ conda install numpy
Collecting package metadata (current_repodata.json): done
Solving environment: done

## Package Plan ##

  environment location: /home/alexandremarcondes/miniconda3/envs/env1

  added / updated specs:
    - numpy

The following NEW packages will be INSTALLED:

 blas                pkgs/main/linux-64::blas-1.0-mkl
 intel-openmp        pkgs/main/linux-64::intel-openmp-2019.4-243
 libgfortran-ng      pkgs/main/linux-64::libgfortran-ng-7.3.0-hdf63c60_0
 mkl                  pkgs/main/linux-64::mkl-2019.4-243
 mkl-service         pkgs/main/linux-64::mkl-service-2.3.0-py37he904b0f_0
 mkl_fft             pkgs/main/linux-64::mkl_fft-1.0.14-py37ha843d7b_0
 mkl_random          pkgs/main/linux-64::mkl_random-1.1.0-py37hd6b4f25_0
 numpy               pkgs/main/linux-64::numpy-1.17.2-py37haad9e8e_0
 numpy-base          pkgs/main/linux-64::numpy-base-1.17.2-py37hde5b4d6_0
 six                 pkgs/main/linux-64::six-1.12.0-py37_0

Proceed ([y]/n)? y

Preparing transaction: done
Verifying transaction: done
Executing transaction: done
(env1) alexandremarcondes@hub-G3-3590:~$
```

conda install scipy

```
(env1) alexandremarcondes@hub-G3-3590:~$ conda install scipy
Collecting package metadata (current_repodata.json): done
Solving environment: done

## Package Plan ##

  environment location: /home/alexandremarcondes/miniconda3/envs/env1

  added / updated specs:
    - scipy

The following packages will be downloaded:



| package     | build          |         |
|-------------|----------------|---------|
| scipy-1.3.1 | py37h7c811a0_0 | 14.0 MB |
| Total:      |                | 14.0 MB |



The following NEW packages will be INSTALLED:

  scipy                  pkgs/main/linux-64::scipy-1.3.1-py37h7c811a0_0

Proceed ([y]/n)? y

Downloading and Extracting Packages
scipy-1.3.1          | 14.0 MB | #####
Preparing transaction: done
Verifying transaction: done
Executing transaction: done
(env1) alexandremarcondes@hub-G3-3590:~$
```

conda deactivate

conda activate env2

conda install numpy

```

(env2) alexandremarcondes@hub-G3-3590:~$ conda install numpy
Collecting package metadata (current_repodata.json): done
Solving environment: done

## Package Plan ##

  environment location: /home/alexandremarcondes/miniconda3/envs/env2

  added / updated specs:
    - numpy

The following NEW packages will be INSTALLED:

 _libgcc_mutex            pkgs/main/linux-64::_libgcc_mutex-0.1-main
 blas                     pkgs/main/linux-64::blas-1.0-mkl
 ca-certificates          pkgs/main/linux-64::ca-certificates-2019.8.28-0
 certifi                  pkgs/main/linux-64::certifi-2019.9.11-py37_0
 intel-openmp              pkgs/main/linux-64::intel-openmp-2019.4-243
 libedit                  pkgs/main/linux-64::libedit-3.1.20181209-hc058e9b_0
 libffi                   pkgs/main/linux-64::libffi-3.2.1-hd88cf55_4
 libgcc-ng                 pkgs/main/linux-64::libgcc-ng-9.1.0-hdf63c60_0
 libgfortran-ng           pkgs/main/linux-64::libgfortran-ng-7.3.0-hdf63c60_0
 libstdcxx-ng             pkgs/main/linux-64::libstdcxx-ng-9.1.0-hdf63c60_0
 mkl                      pkgs/main/linux-64::mkl-2019.4-243
 mkl-service              pkgs/main/linux-64::mkl-service-2.3.0-py37he904b0f_0
 mkl_fft                  pkgs/main/linux-64::mkl_fft-1.0.14-py37ha843d7b_0
 mkl_random               pkgs/main/linux-64::mkl_random-1.1.0-py37hd6b4f25_0
 ncurses                  pkgs/main/linux-64::ncurses-6.1-he6710b0_1
 numpy                    pkgs/main/linux-64::numpy-1.17.2-py37haad9e8e_0
 numpy-base               pkgs/main/linux-64::numpy-base-1.17.2-py37hde5b4d6_0
 openssl                  pkgs/main/linux-64::openssl-1.1.1d-h7b6447c_2
 pip                      pkgs/main/linux-64::pip-19.2.3-py37_0
 python                   pkgs/main/linux-64::python-3.7.4-h265db76_1
 readline                 pkgs/main/linux-64::readline-7.0-h7b6447c_5
 setuptools               pkgs/main/linux-64::setuptools-41.2.0-py37_0
 six                      pkgs/main/linux-64::six-1.12.0-py37_0
 sqlite                   pkgs/main/linux-64::sqlite-3.29.0-h7b6447c_0
 tk                       pkgs/main/linux-64::tk-8.6.8-hbc83047_0
 wheel                    pkgs/main/linux-64::wheel-0.33.6-py37_0
 xz                       pkgs/main/linux-64::xz-5.2.4-h14c3975_4
 zlib                     pkgs/main/linux-64::zlib-1.2.11-h7b6447c_3

Proceed ([y]/n)? y

Preparing transaction: done
Verifying transaction: done
Executing transaction: done
(env2) alexandremarcondes@hub-G3-3590:~$

```

conda deactivate

conda activate env3

conda install numpy

```
(env3) alexandremarcondes@hub-G3-3590:~$ conda install numpy
Collecting package metadata (current_repodata.json): done
Solving environment: done

## Package Plan ##

environment location: /home/alexandremarcondes/miniconda3/envs/env3

added / updated specs:
- numpy

The following NEW packages will be INSTALLED:

 _libgcc_mutex      pkgs/main/linux-64::_libgcc_mutex-0.1-main
 blas               pkgs/main/linux-64::blas-1.0-mkl
 ca-certificates    pkgs/main/linux-64::ca-certificates-2019.8.28-0
 certifi            pkgs/main/linux-64::certifi-2019.9.11-py37_0
 intel-openmp       pkgs/main/linux-64::intel-openmp-2019.4-243
 libedit            pkgs/main/linux-64::libedit-3.1.20181209-hc058e9b_0
 libffi             pkgs/main/linux-64::libffi-3.2.1-hd88cf55_4
 libgcc-ng          pkgs/main/linux-64::libgcc-ng-9.1.0-hdf63c60_0
 libgfortran-ng     pkgs/main/linux-64::libgfortran-ng-7.3.0-hdf63c60_0
 libstdcxx-ng       pkgs/main/linux-64::libstdcxx-ng-9.1.0-hdf63c60_0
 mkl                pkgs/main/linux-64::mkl-2019.4-243
 mkl-service        pkgs/main/linux-64::mkl-service-2.3.0-py37he904b0f_0
 mkl_fft            pkgs/main/linux-64::mkl_fft-1.0.14-py37ha843d7b_0
 mkl_random         pkgs/main/linux-64::mkl_random-1.1.0-py37hd6b4f25_0
 ncurses            pkgs/main/linux-64::ncurses-6.1-he6710b0_1
 numpy              pkgs/main/linux-64::numpy-1.17.2-py37haad9e8e_0
 numpy-base         pkgs/main/linux-64::numpy-base-1.17.2-py37hde5b4d6_0
 openssl            pkgs/main/linux-64::openssl-1.1.1d-h7b6447c_2
 pip               pkgs/main/linux-64::pip-19.2.3-py37_0
 python            pkgs/main/linux-64::python-3.7.4-h265db76_1
 readline          pkgs/main/linux-64::readline-7.0-h7b6447c_5
 setuptools        pkgs/main/linux-64::setuptools-41.2.0-py37_0
 six               pkgs/main/linux-64::six-1.12.0-py37_0
 sqlite            pkgs/main/linux-64::sqlite-3.29.0-h7b6447c_0
 tk                pkgs/main/linux-64::tk-8.6.8-hbc83047_0
 wheel             pkgs/main/linux-64::wheel-0.33.6-py37_0
 xz                pkgs/main/linux-64::xz-5.2.4-h14c3975_4
 zlib              pkgs/main/linux-64::zlib-1.2.11-h7b6447c_3

Proceed ([y]/n)? y

Preparing transaction: done
Verifying transaction: done
Executing transaction: done
(env3) alexandremarcondes@hub-G3-3590:~$
```

conda install scipy

```
(env3) alexandremarcondes@hub-G3-3590:~$ conda install scipy
Collecting package metadata (current_repodata.json): done
Solving environment: done

## Package Plan ##

  environment location: /home/alexandremarcondes/miniconda3/envs/env3

  added / updated specs:
    - scipy

The following NEW packages will be INSTALLED:

  scipy                pkgs/main/linux-64::scipy-1.3.1-py37h7c811a0_0

Proceed ([y]/n)? y

Preparing transaction: done
Verifying transaction: done
Executing transaction: done
(env3) alexandremarcondes@hub-G3-3590:~$
```

4. Liste os pacotes de cada ambiente.

Conda activate env1

conda list


```

(env1) alexandremarcondes@hub-G3-3590:~$ conda list
# packages in environment at /home/alexandremarcondes/miniconda3/envs/env1:
#
# Name                    Version                Build  Channel
_libgcc_mutex             0.1                    main
blas                      1.0                    mkl
ca-certificates           2019.8.28              0
certifi                   2019.9.11             py37_0
intel-openmp              2019.4                 243
libedit                   3.1.20181209          hc058e9b_0
libffi                    3.2.1                  hd88cf55_4
libgcc-ng                 9.1.0                  hdf63c60_0
libgfortran-ng            7.3.0                  hdf63c60_0
libstdcxx-ng              9.1.0                  hdf63c60_0
mkl                       2019.4                 243
mkl-service               2.3.0                  py37he904b0f_0
mkl_fft                   1.0.14                 py37ha843d7b_0
mkl_random                1.1.0                  py37hd6b4f25_0
ncurses                   6.1                    he6710b0_1
numpy                     1.17.2                 py37haad9e8e_0
numpy-base                1.17.2                 py37hde5b4d6_0
openssl                   1.1.1d                  h7b6447c_2
pip                       19.2.3                 py37_0
python                    3.7.4                  h265db76_1
readline                  7.0                    h7b6447c_5
scipy                     1.3.1                  py37h7c811a0_0
setuptools                41.2.0                 py37_0
six                       1.12.0                 py37_0
sqlite                    3.29.0                 h7b6447c_0
tk                        8.6.8                  hbc83047_0
wheel                     0.33.6                 py37_0
xz                        5.2.4                  h14c3975_4
zlib                      1.2.11                 h7b6447c_3
(env1) alexandremarcondes@hub-G3-3590:~$

```

conda deactivate

conda activate env2

conda list


```

(env2) alexandremarcondes@hub-G3-3590:~$ conda list
# packages in environment at /home/alexandremarcondes/miniconda3/envs/env2:
#
# Name                                Version                                Build      Channel
_libgcc_mutex                        0.1                                    main
blas                                1.0                                    mkl
ca-certificates                     2019.8.28                              0
certifi                             2019.9.11                             py37_0
intel-openmp                        2019.4                                 243
libedit                             3.1.20181209                          hc058e9b_0
libffi                              3.2.1                                 hd88cf55_4
libgcc-ng                           9.1.0                                 hdf63c60_0
libgfortran-ng                      7.3.0                                 hdf63c60_0
libstdcxx-ng                        9.1.0                                 hdf63c60_0
mkl                                 2019.4                                 243
mkl-service                         2.3.0                                py37he904b0f_0
mkl_fft                             1.0.14                               py37ha843d7b_0
mkl_random                          1.1.0                                py37hd6b4f25_0
ncurses                             6.1                                  he6710b0_1
numpy                               1.17.2                               py37haad9e8e_0
numpy-base                          1.17.2                               py37hde5b4d6_0
openssl                             1.1.1d                               h7b6447c_2
pip                                 19.2.3                               py37_0
python                              3.7.4                                 h265db76_1
readline                            7.0                                  h7b6447c_5
scipy                               1.3.1                                py37h7c811a0_0
setuptools                          41.2.0                               py37_0
six                                 1.12.0                               py37_0
sqlite                              3.29.0                               h7b6447c_0
tk                                  8.6.8                                hbc83047_0
wheel                               0.33.6                               py37_0
xz                                  5.2.4                                h14c3975_4
zlib                                1.2.11                               h7b6447c_3
(env2) alexandremarcondes@hub-G3-3590:~$

```

conda deactivate

conda activate env3

conda list

```
](env3) alexandremarcondes@hub-G3-3590:~$ conda list
# packages in environment at /home/alexandremarcondes/miniconda3/envs/env3:
#
# Name                                Version                                Build      Channel
_libgcc_mutex                         0.1                                    main
blas                                  1.0                                    mkl
ca-certificates                       2019.8.28                              0
certifi                               2019.9.11                             py37_0
intel-openmp                          2019.4                                 243
libedit                               3.1.20181209                          hc058e9b_0
libffi                                3.2.1                                 hd88cf55_4
libgcc-ng                             9.1.0                                 hdf63c60_0
libgfortran-ng                        7.3.0                                 hdf63c60_0
libstdcxx-ng                          9.1.0                                 hdf63c60_0
mkl                                    2019.4                                 243
mkl-service                           2.3.0                                py37he904b0f_0
mkl_fft                               1.0.14                               py37ha843d7b_0
mkl_random                            1.1.0                                py37hd6b4f25_0
ncurses                               6.1                                  he6710b0_1
numpy                                  1.17.2                               py37haad9e8e_0
numpy-base                            1.17.2                               py37hde5b4d6_0
openssl                               1.1.1d                               h7b6447c_2
pip                                    19.2.3                               py37_0
python                                 3.7.4                                 h265db76_1
readline                              7.0                                  h7b6447c_5
scipy                                  1.3.1                                py37h7c811a0_0
setuptools                             41.2.0                               py37_0
six                                    1.12.0                               py37_0
sqlite                                 3.29.0                               h7b6447c_0
tk                                     8.6.8                                hbc83047_0
wheel                                  0.33.6                               py37_0
xz                                     5.2.4                                h14c3975_4
zlib                                   1.2.11                               h7b6447c_3
(env3) alexandremarcondes@hub-G3-3590:~$
```

5. Apague um dos ambientes.

Conda env remove -n env1

```
(base) alexandremarcondes@hub-G3-3590:~$ conda env remove -n env1
Remove all packages in environment /home/alexandremarcondes/miniconda3/envs/env1:
```

6. O pacote Rstudio está presente no canal conda-forge?

O pacote Rstudio não está presente no canal conda-forge.

conda search --channel conda-forge Rstudio

```
(base) alexandremarcondes@hub-G3-3590:~$ conda search --channel conda-forge Rstudio
Loading channels: done
# Name                      Version          Build      Channel
rstudio                     1.0.44           0          pkgs/r
rstudio                     1.0.136          1          pkgs/r
rstudio                     1.0.153          1          pkgs/r
rstudio                     1.1.383          h2c9cdda_2  pkgs/r
rstudio                     1.1.456          h6bb024c_1  pkgs/r
(base) alexandremarcondes@hub-G3-3590:~$ ^C
```

7. Quais as dependências instaladas após instalar o Python?

As seguintes dependências foram instaladas ao instalar o Python:

_libgcc_mutex	pkgs/main/linux-64::_libgcc_mutex-0.1-main
ca-certificates	pkgs/main/linux-64::ca-certificates-2019.8.28-0
certifi	pkgs/main/linux-64::certifi-2019.9.11-py37_0
libedit	pkgs/main/linux-64::libedit-3.1.20181209-hc058e9b_0
libffi	pkgs/main/linux-64::libffi-3.2.1-hd88cf55_4
libgcc-ng	pkgs/main/linux-64::libgcc-ng-9.1.0-hdf63c60_0
libstdcxx-ng	pkgs/main/linux-64::libstdcxx-ng-9.1.0-hdf63c60_0
ncurses	pkgs/main/linux-64::ncurses-6.1-he6710b0_1
openssl	pkgs/main/linux-64::openssl-1.1.1d-h7b6447c_2
pip	pkgs/main/linux-64::pip-19.2.3-py37_0
python	pkgs/main/linux-64::python-3.7.4-h265db76_1
readline	pkgs/main/linux-64::readline-7.0-h7b6447c_5
setuptools	pkgs/main/linux-64::setuptools-41.2.0-py37_0
sqlite	pkgs/main/linux-64::sqlite-3.29.0-h7b6447c_0
tk	pkgs/main/linux-64::tk-8.6.8-hbc83047_0
wheel	pkgs/main/linux-64::wheel-0.33.6-py37_0
xz	pkgs/main/linux-64::xz-5.2.4-h14c3975_4
zlib	pkgs/main/linux-64::zlib-1.2.11-h7b6447c_3

```
(myenv) alexandremarcondes@hub-G3-3590:~$ conda install python
Collecting package metadata (current_repodata.json): done
Solving environment: done

## Package Plan ##

environment location: /home/alexandremarcondes/miniconda3/envs/myenv

added / updated specs:
- python

The following NEW packages will be INSTALLED:

 _libgcc_mutex      pkgs/main/linux-64::_libgcc_mutex-0.1-main
 ca-certificates    pkgs/main/linux-64::ca-certificates-2019.8.28-0
 certifi            pkgs/main/linux-64::certifi-2019.9.11-py37_0
 libedit            pkgs/main/linux-64::libedit-3.1.20181209-hc058e9b_0
 libffi             pkgs/main/linux-64::libffi-3.2.1-hd88cf55_4
 libgcc-ng          pkgs/main/linux-64::libgcc-ng-9.1.0-hdf63c60_0
 libstdcxx-ng       pkgs/main/linux-64::libstdcxx-ng-9.1.0-hdf63c60_0
 ncurses            pkgs/main/linux-64::ncurses-6.1-he6710b0_1
 openssl            pkgs/main/linux-64::openssl-1.1.1d-h7b6447c_2
 pip                pkgs/main/linux-64::pip-19.2.3-py37_0
 python             pkgs/main/linux-64::python-3.7.4-h265db76_1
 readline           pkgs/main/linux-64::readline-7.0-h7b6447c_5
 setuptools         pkgs/main/linux-64::setuptools-41.2.0-py37_0
 sqlite             pkgs/main/linux-64::sqlite-3.29.0-h7b6447c_0
 tk                 pkgs/main/linux-64::tk-8.6.8-hbc83047_0
 wheel              pkgs/main/linux-64::wheel-0.33.6-py37_0
 xz                 pkgs/main/linux-64::xz-5.2.4-h14c3975_4
 zlib               pkgs/main/linux-64::zlib-1.2.11-h7b6447c_3
```

8. Instale o pacote Pandas pelo pip.

Pip install pandas

```
(myenv) alexandremarcondes@hub-G3-3590:~$ pip install pandas
Collecting pandas
  Downloading https://files.pythonhosted.org/packages/7e/ab/ea76361f9d3e732e114adcd801d2820d531/... | 10.4MB 932kB/s
Collecting python-dateutil>=2.6.1 (from pandas)
  Downloading https://files.pythonhosted.org/packages/41/17/c62facbfbfd163c7f57f3844689e3a78bae... | 235kB 1.9MB/s
Collecting pytz>=2017.2 (from pandas)
  Downloading https://files.pythonhosted.org/packages/87/76/46d697698a143e05f77bec5a526bf4e56a6... | 512kB 1.6MB/s
Collecting numpy>=1.13.3 (from pandas)
  Downloading https://files.pythonhosted.org/packages/ba/e0/46e2f0540370f2661b044647fa447fef2ec... | 20.3MB 872kB/s
Collecting six>=1.5 (from python-dateutil>=2.6.1->pandas)
  Downloading https://files.pythonhosted.org/packages/73/fb/00a976f728d0d1fecfe898238ce23f502a7...
Installing collected packages: six, python-dateutil, pytz, numpy, pandas
Successfully installed numpy-1.17.2 pandas-0.25.1 python-dateutil-2.8.0 pytz-2019.2 six-1.12.0
(myenv) alexandremarcondes@hub-G3-3590:~$
```

9. Monte um ambiente conda novo com python versão 3. Execute o comando python para entrar no interpretador python. A partir do interpretador execute o comando print "teste". Após terminar a execução execute ctrl+d para sair do interpretador. Qual é o erro

apresentado? O que deve ser feito para o print funcionar? Verifique se o mesmo comando apresenta erro no python 2.

conda install python=3

python

```
(newenv) alexandremarcondes@hub-G3-3590:~$ python
Python 3.7.4 (default, Aug 13 2019, 20:35:49)
[GCC 7.3.0] :: Anaconda, Inc. on linux
Type "help", "copyright", "credits" or "license" for more information.
>>> print "teste"
  File "<stdin>", line 1
    print "teste"
        ^
SyntaxError: Missing parentheses in call to 'print'. Did you mean print("teste")?
>>>
```

O erro ocorre pois nessa versão do Python a palavra teste deve estar entre parênteses e entre aspas, como apresentado a seguir:

```
>>> print("teste")
teste
```

No Python 2 a estrutura da função Print era diferente, então o comando print “teste” irá funcionar, como apresentado a seguir:

```
(newenv) alexandremarcondes@hub-G3-3590:~$ python
Python 2.7.16 |Anaconda, Inc.| (default, Sep 24 2019, 21:51:30)
[GCC 7.3.0] on linux2
Type "help", "copyright", "credits" or "license" for more information.
>>> print "teste"
teste
>>>
```

10. Exporte um dos ambientes criados e passe por e-mail a todos os alunos.

conda env export -n newenv -f newenv.yml

```
(base) alexandremarcondes@hub-G3-3590:~$ ls
'Área de Trabalho'  Documentos  Downloads  examples.desktop  fiepenv.yml
Imagens             miniconda3  Modelos    Música             newenv.yml      Público    snap  Vídeos
```


11. Escolha um dos ambientes enviados e monte em seu computador.

conda env create -f ex2.yml

```
(base) alexandremarcondes@hub-G3-3590:~/Downloads$ conda env create -f ex2.yml
Collecting package metadata (repodata.json): done
Solving environment: done

Downloading and Extracting Packages
wget-1.20.1           | 818 KB | ##### | 100%
zipp-0.6.0            | 9 KB   | ##### | 100%
more-itertools-7.2.0 | 100 KB | ##### | 100%
Preparing transaction: done
Verifying transaction: done
Executing transaction: done
Ran pip subprocess with arguments:
['/home/alexandremarcondes/miniconda3/envs/exemplo2/bin/python', '-m', 'pip', 'install', '-U', '-r', '/home/alexandremarcondes/Downloads/ex2.yml']
Pip subprocess output:
Collecting chardet==3.0.4 (from -r /home/alexandremarcondes/Downloads/condaenv.tjukbm6n.requirements.txt (line 1))
  Downloading https://files.pythonhosted.org/packages/bc/a9/01ffebfb562e4274b6487b4bb1ddec7ca55ec7510b2/
Collecting idna==2.8 (from -r /home/alexandremarcondes/Downloads/condaenv.tjukbm6n.requirements.txt (line 2))
  Downloading https://files.pythonhosted.org/packages/14/2c/cd551d81dbe15200be1cf41cd03869a46fe7226e749/
Collecting panda==0.3.1 (from -r /home/alexandremarcondes/Downloads/condaenv.tjukbm6n.requirements.txt (line 3))
  Downloading https://files.pythonhosted.org/packages/79/03/74996420528fe488ce17c42b6400531c8067d7eb661/
Collecting requests==2.22.0 (from -r /home/alexandremarcondes/Downloads/condaenv.tjukbm6n.requirements.txt (line 4))
  Downloading https://files.pythonhosted.org/packages/51/bd/23c926cd341ea6b7dd0b2a00aba99ae0f828be89d72/
Collecting urllib3==1.25.6 (from -r /home/alexandremarcondes/Downloads/condaenv.tjukbm6n.requirements.txt (line 5))
  Downloading https://files.pythonhosted.org/packages/e0/da/55f51ea951e1b7c63a579c09dd7db825bb730ec1fe9/
Requirement already satisfied, skipping upgrade: setuptools in /home/alexandremarcondes/miniconda3/envs/exemplo2/bin/python3.7
Requirement already satisfied, skipping upgrade: certifi>=2017.4.17 in /home/alexandremarcondes/miniconda3/envs/exemplo2/bin/python3.7
Requirement already satisfied, skipping upgrade: urllib3 in /home/alexandremarcondes/miniconda3/envs/exemplo2/bin/python3.7
Building wheels for collected packages: panda
  Building wheel for panda (setup.py): started
  Building wheel for panda (setup.py): finished with status 'done'
  Created wheel for panda: filename=panda-0.3.1-cp37-none-any.whl size=7259 sha256=e25f41d6169fde8ae822
  Stored in directory: /home/alexandremarcondes/.cache/pip/wheels/c6/c8/45/06ed898b0bb401c1ff207dbb05b1
Successfully built panda
Installing collected packages: chardet, idna, urllib3, requests, panda
Successfully installed chardet-3.0.4 idna-2.8 panda-0.3.1 requests-2.22.0 urllib3-1.25.6

#
# To activate this environment, use
#
#     $ conda activate exemplo2
#
# To deactivate an active environment, use
#
#     $ conda deactivate
```