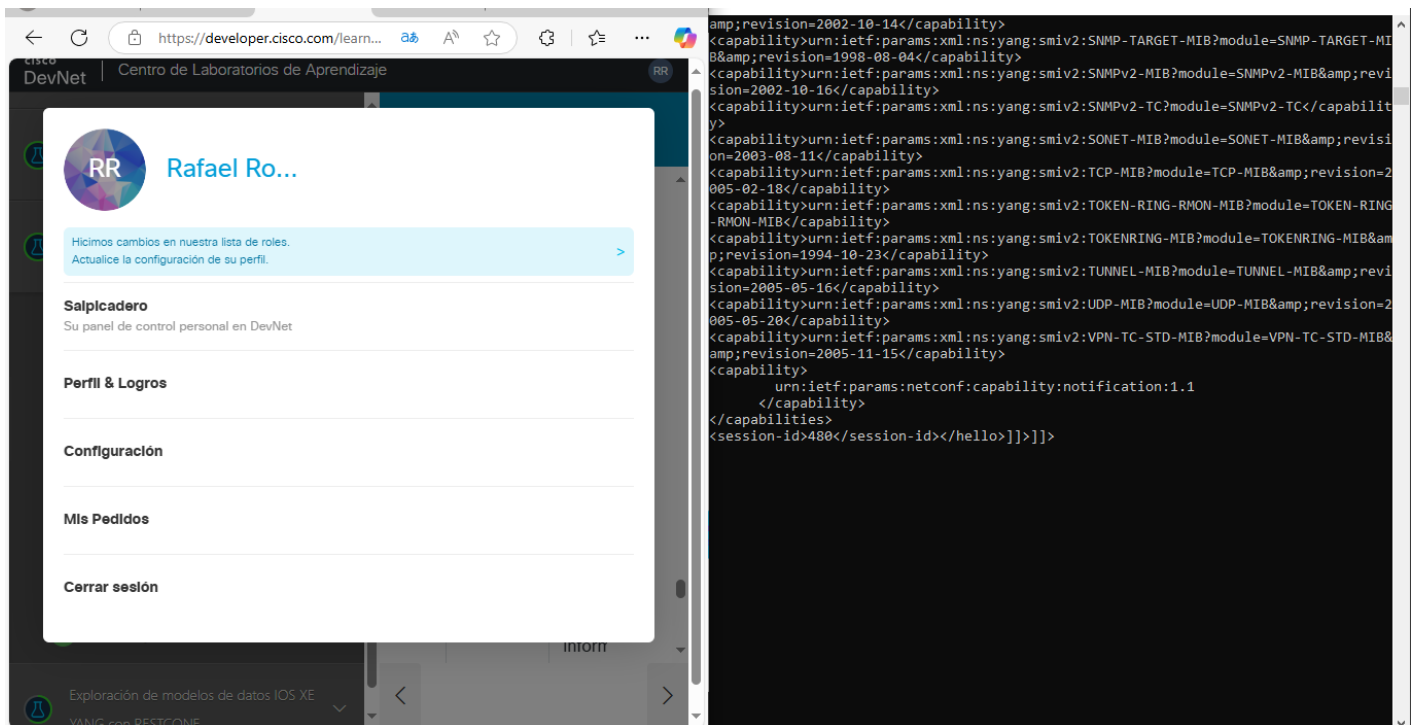
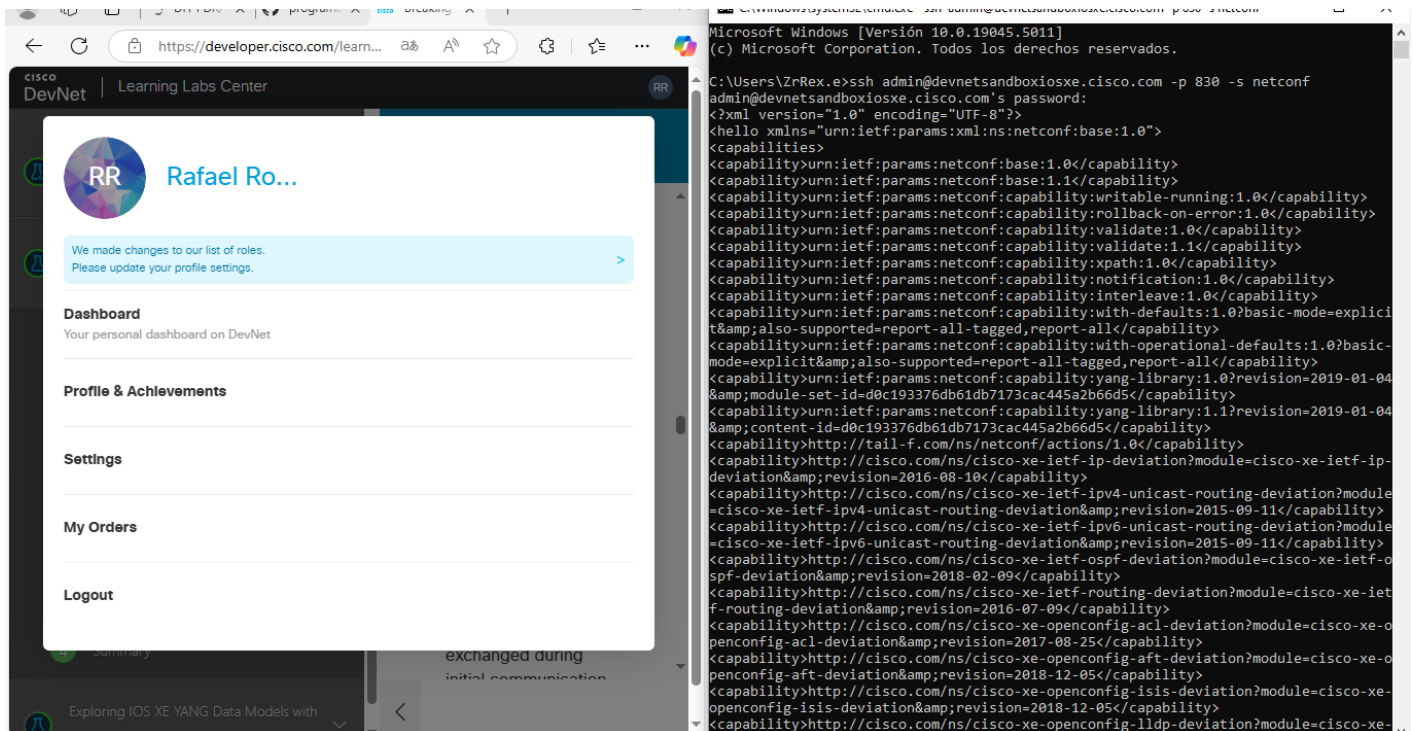


Introduction to Model Driven Programmability (ex: NETCONF/YANG)

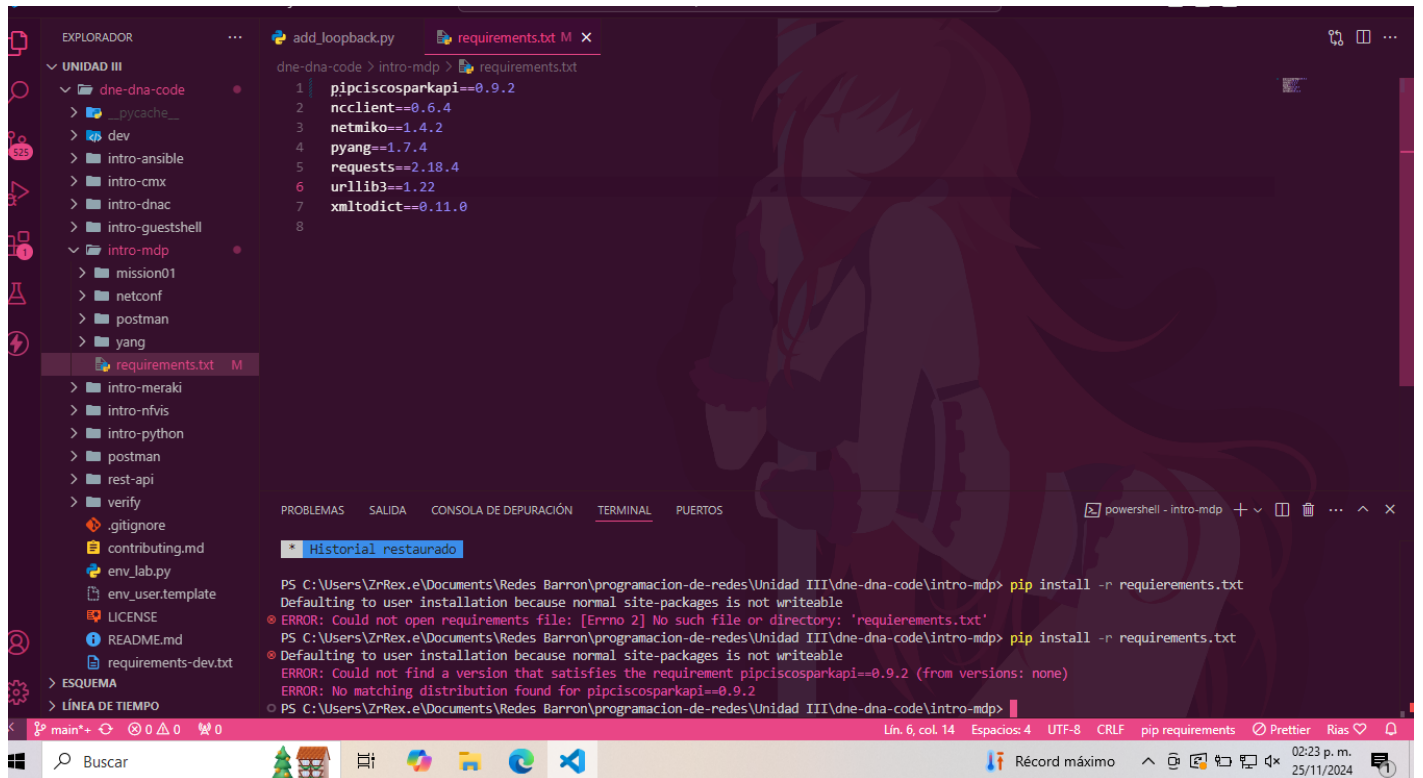
ssh -oHostKeyAlgorithms=+ssh-dss admin@sandbox-iosxe-recomm-1.cisco.com -p 830 -s netconf



ssh admin@devnetsandboxiosxe.cisco.com -p 830 -s netconf



Error al instalar requirements.txt (no se completa la actividad)

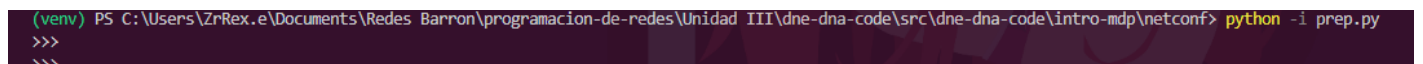


The screenshot shows a Windows File Explorer window with the 'requirements.txt' file selected in the 'intro-mdp' directory. The file content is as follows:

```
1 | pipciscosparkapi==0.9.2
2 | ncclient==0.6.4
3 | netmiko==1.4.2
4 | pyang==1.7.4
5 | requests==2.18.4
6 | urllib3==1.22
7 | xmlltodict==0.11.0
8 |
```

The PowerShell terminal window shows the command `pip install -r requirements.txt` being executed. The output indicates an error: `ERROR: Could not find a version that satisfies the requirement pipciscosparkapi==0.9.2 (from versions: none)`. The error message is: `ERROR: No matching distribution found for pipciscosparkapi==0.9.2`.

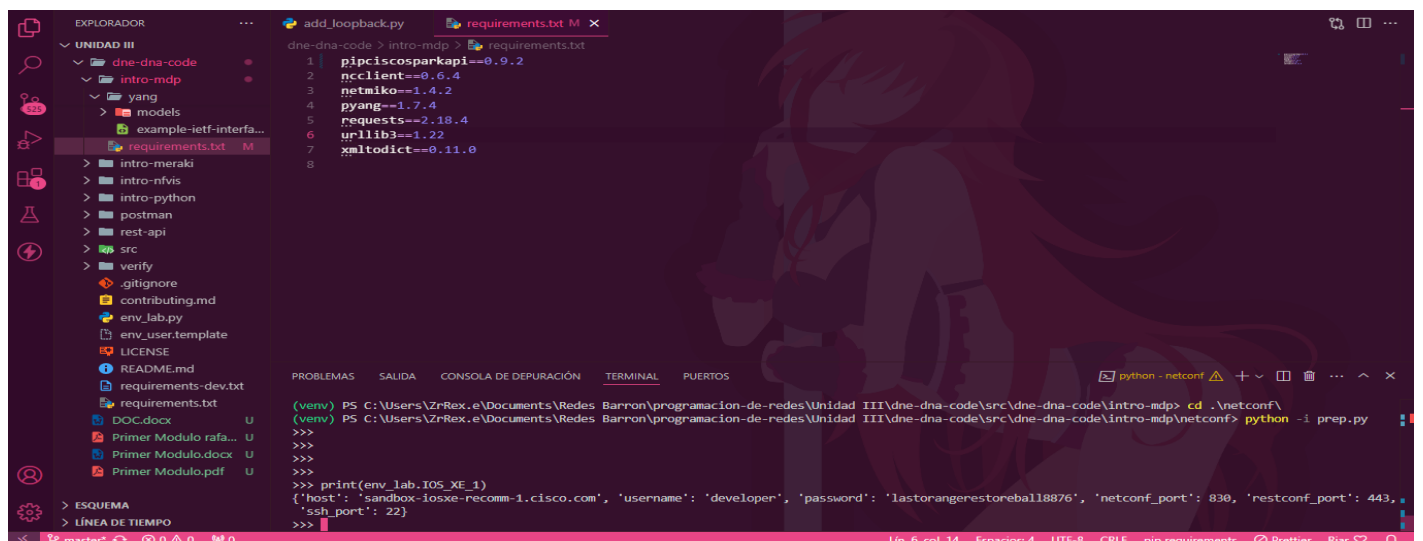
4. Abra un intérprete interactivo de Python y ejecute el archivo. Este archivo importa los detalles sobre las diferentes infraestructuras de laboratorio necesarias para este laboratorio. `prep.py`



The screenshot shows a PowerShell terminal window with the command `python -i prep.py` being executed. The output is:

```
(venv) PS C:\Users\ZrRex.e\Documents\Redes Barron\programacion-de-redes\Unidad III\dne-dna-code\src\dne-dna-code\intro-mdp\netconf> python -i prep.py
>>>
>>>
```

5. El dispositivo con el que está trabajando está representado por la constante `.env_lab.IOS_XE_1`



The screenshot shows a Windows File Explorer window with the 'requirements.txt' file selected in the 'intro-mdp' directory. The file content is as follows:

```
1 | pipciscosparkapi==0.9.2
2 | ncclient==0.6.4
3 | netmiko==1.4.2
4 | pyang==1.7.4
5 | requests==2.18.4
6 | urllib3==1.22
7 | xmlltodict==0.11.0
8 |
```

The PowerShell terminal window shows the command `python -i prep.py` being executed. The output is:

```
(venv) PS C:\Users\ZrRex.e\Documents\Redes Barron\programacion-de-redes\Unidad III\dne-dna-code\src\dne-dna-code\intro-mdp\netconf> cd .\netconf\
(venv) PS C:\Users\ZrRex.e\Documents\Redes Barron\programacion-de-redes\Unidad III\dne-dna-code\src\dne-dna-code\intro-mdp\netconf> python -i prep.py
>>>
>>>
>>> print(env_lab.IOS_XE_1)
>>> {'host': 'sandbox-iosxe-recomm-1.cisco.com', 'username': 'developer', 'password': 'lastorangerestoreball8876', 'netconf_port': 830, 'restconf_port': 443, 'ssh_port': 22}
>>>
```