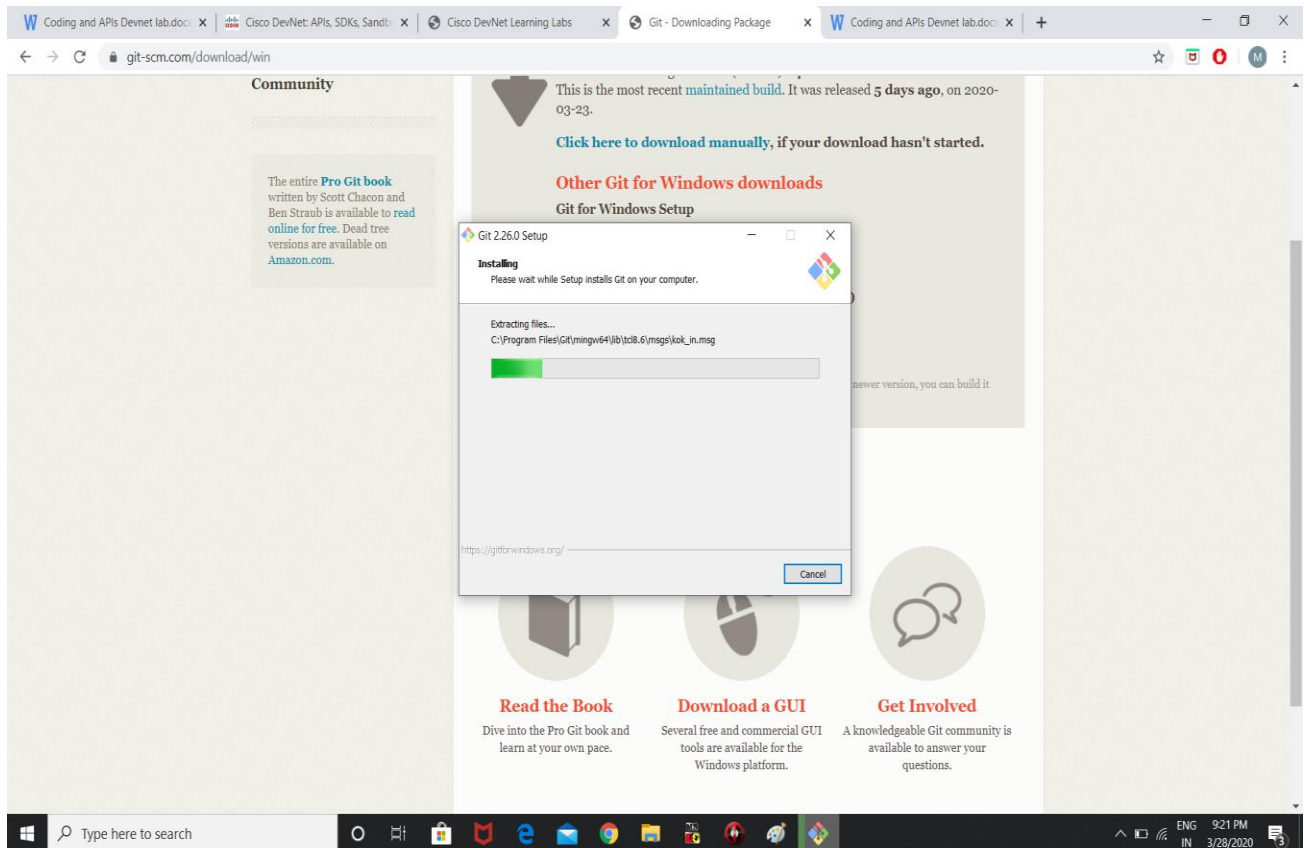


Setting up your Windows workstation as a development environment

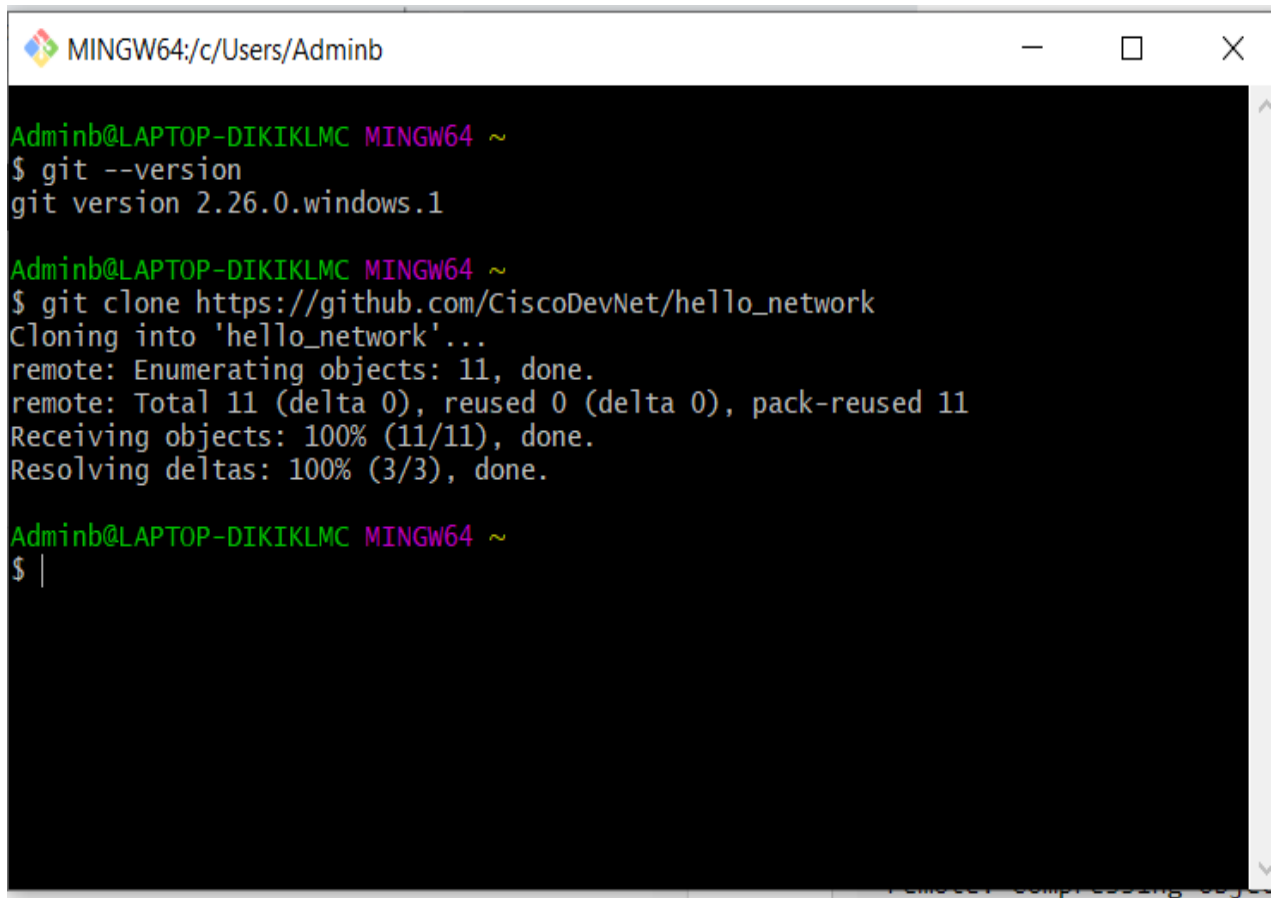
Installing Basic Development toolset on your local workstation

- Source Control Systems:
 1. Install git on your windows



Verification:

1. Open git-bash
2. From terminal, run `git --version`
3. Attempt to clone a repository from GitHub.

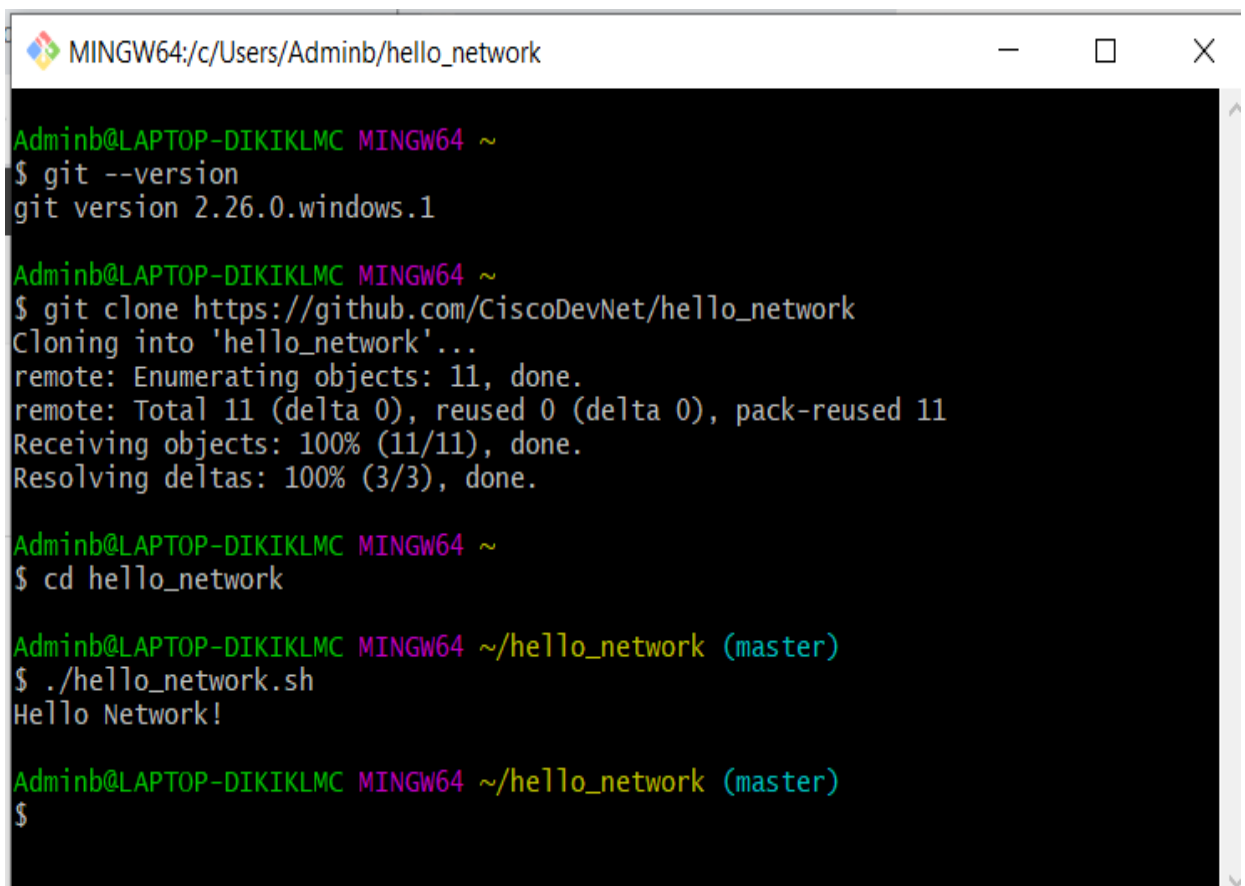


```
Adminb@LAPTOP-DIKIKLMC MINGW64 ~  
$ git --version  
git version 2.26.0.windows.1  
  
Adminb@LAPTOP-DIKIKLMC MINGW64 ~  
$ git clone https://github.com/CiscoDevNet/hello_network  
Cloning into 'hello_network'...  
remote: Enumerating objects: 11, done.  
remote: Total 11 (delta 0), reused 0 (delta 0), pack-reused 11  
Receiving objects: 100% (11/11), done.  
Resolving deltas: 100% (3/3), done.  
  
Adminb@LAPTOP-DIKIKLMC MINGW64 ~  
$ |
```

- Shells And Terminals

1. Install git-bash. For windows it was installed in the last step itself.

Verification :

A screenshot of a Windows terminal window titled 'MINGW64:/c/Users/Adminb/hello_network'. The terminal shows a series of commands and their outputs. The user first checks the git version, then clones a repository from GitHub. After navigating to the cloned directory, they run a script that prints 'Hello Network!'.

```
MINGW64:/c/Users/Adminb/hello_network

Adminb@LAPTOP-DIKIKLMC MINGW64 ~
$ git --version
git version 2.26.0.windows.1

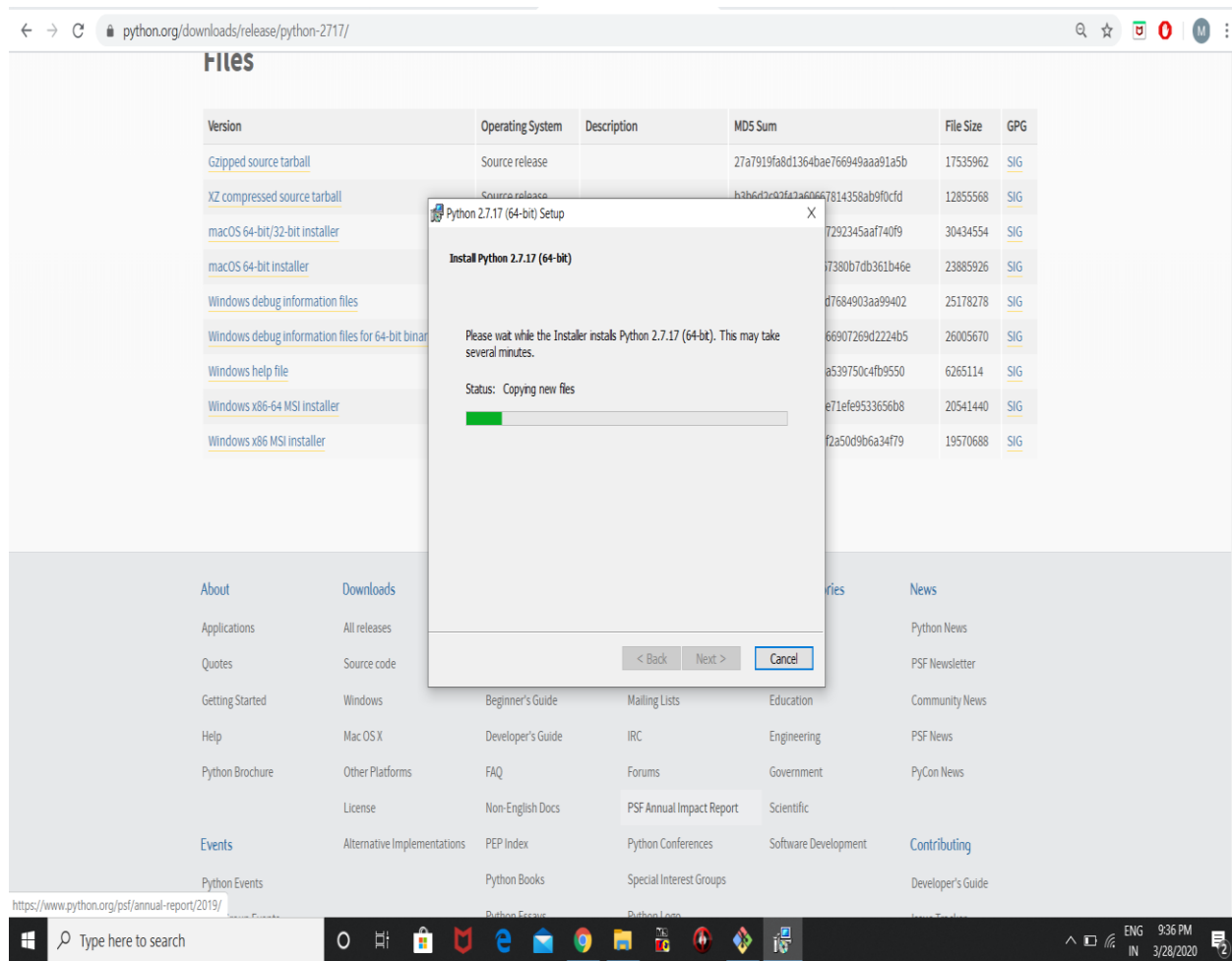
Adminb@LAPTOP-DIKIKLMC MINGW64 ~
$ git clone https://github.com/CiscoDevNet/hello_network
Cloning into 'hello_network'...
remote: Enumerating objects: 11, done.
remote: Total 11 (delta 0), reused 0 (delta 0), pack-reused 11
Receiving objects: 100% (11/11), done.
Resolving deltas: 100% (3/3), done.

Adminb@LAPTOP-DIKIKLMC MINGW64 ~
$ cd hello_network

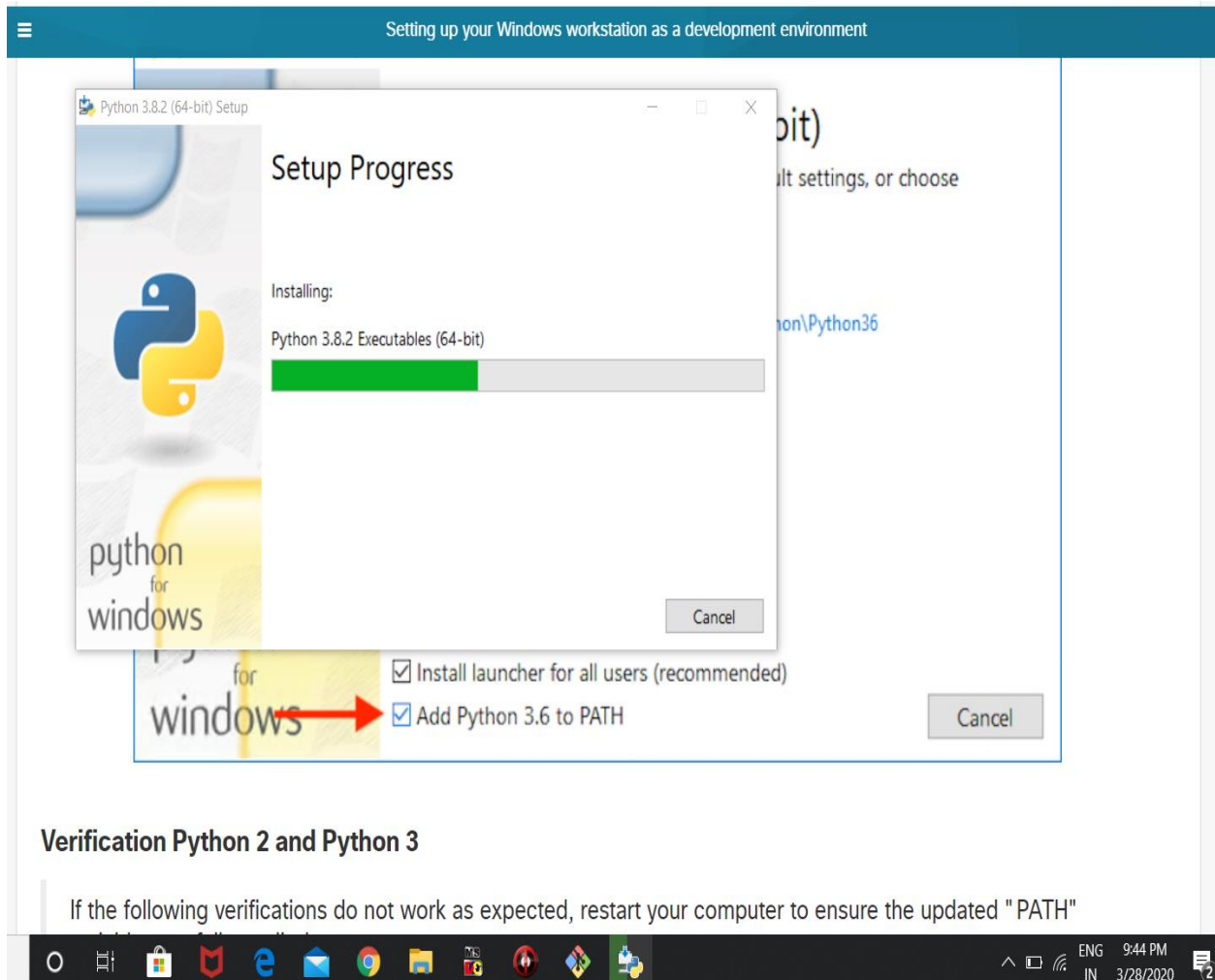
Adminb@LAPTOP-DIKIKLMC MINGW64 ~/hello_network (master)
$ ./hello_network.sh
Hello Network!

Adminb@LAPTOP-DIKIKLMC MINGW64 ~/hello_network (master)
$
```

- Programming Languages
 1. Installing Python 2.7.17.



2. Installing Python 2.8.2



Verification of python 2 and python 3

Open git-bash and verify the installation of python 3 and python 2:

```
MINGW64/c/Users/Adminb
AdminbLAPTOP-DIKIKLMC MINGW64 ~
$ py -2 -V
Python 2.7.17
AdminbLAPTOP-DIKIKLMC MINGW64 ~
$ py -2 -V
Python 2.7.17
AdminbLAPTOP-DIKIKLMC MINGW64 ~
$ py -3 -V
Python 3.8.2
AdminbLAPTOP-DIKIKLMC MINGW64 ~
$ python -V
Python 3.8.2
AdminbLAPTOP-DIKIKLMC MINGW64 ~
$
```

Final python setup for python 2 and python 3:

```
MINGW64/C/Users/Adminb
Adminb@LAPTOP-DIKIKLMC MINGW64 ~
$ py -3 -m venv py3-venv

Adminb@LAPTOP-DIKIKLMC MINGW64 ~
$ source py3-venv/scripts/activate
(py3-venv)
Adminb@LAPTOP-DIKIKLMC MINGW64 ~
$ python -V
Python 3.8.2
(py3-venv)
Adminb@LAPTOP-DIKIKLMC MINGW64 ~
$ deactivate

Adminb@LAPTOP-DIKIKLMC MINGW64 ~
$ py -2 -m pip install virtualenv
DEPRECATION: Python 2.7 will reach the end of its life on January 1st, 2020. Please upgrade your Python as Python 2.7 won't be maintained after that date. A future version of pip will drop support for Python 2.7. More details about Python 2 support in pip, can be found at https://pip.pypa.io/en/latest/development/release-process/#python-2-support
Collecting virtualenv
  Downloading https://files.pythonhosted.org/packages/ed/1e/017ae1fa91c225c27235a73e45e82b6a5de1fc7c99ffde88914ac78048/virtualenv-20.0.15-py2.py3-none-any.whl (4.0MB)
Collecting importlib-metadata<2.0.0,>=0.12; python_version < "3.8" (from virtualenv)
  Downloading https://files.pythonhosted.org/packages/ad/e4/891bfca86ccabcb199a272740c77a8eb5f108307099530b7e132103/importlib_metadata-1.6.0-py2.py3-none-any.whl
Collecting appdirs<2.0,>=1.4.3 (from virtualenv)
  Downloading https://files.pythonhosted.org/packages/56/eb/810e70bed1349edde4cbdc1b2a212e6cd1139fa7261f6d847c1abf3/appdirs-1.4.3-py2.py3-none-any.whl
Collecting distlib<1.0,>=0.3.0 (from virtualenv)
  Downloading https://files.pythonhosted.org/packages/7d/29/694a3ad7c0e1aef76092e8167be372e0f7da055f5dcf4e1313ec21d96a/distlib-0.3.0.zip (571kB)
Collecting six<2.0,>=1.10.0 (from virtualenv)
  Downloading https://files.pythonhosted.org/packages/65/eb/1f97cb97bfc2390a276969cf6ae16075da282f505088206cb10cc5c1dba/six-1.14.0-py2.py3-none-any.whl
Collecting importlib-resources<2.0,>=1.0; python_version < "3.7" (from virtualenv)
  Downloading https://files.pythonhosted.org/packages/8f/36/e678bc02cad98c566b8fde071ab0f389f30e1b6b09f553ee511907/importlib_resources-1.4.0-py2.py3-none-any.whl
Collecting filelock<4.0,>=1.0.0 (from virtualenv)
  Downloading https://files.pythonhosted.org/packages/14/ec/6ee2168387ce0154632f80a54c59232a8b1325c7c9e92cde10cb/filelock-3.0.12.tar.gz
Collecting contextlib2<1.0,>=0.6.0; python_version < "3.1" (from virtualenv)
  Downloading https://files.pythonhosted.org/packages/85/60/37032f7ef6a0f6c52fb00181622f50f92c1d575427d0218ab311236/contextlib2-0.6.0.post1-py2.py3-none-any.whl
Collecting configparser<3.5; python_version < "3" (from importlib-metadata<2.0,>=0.12; python_version < "3.8" (from virtualenv))
  Downloading https://files.pythonhosted.org/packages/7a/2a/95ed0501cf5d8709490b1da3f9b5cf340da6c43f898bb9bc08d86785/configparser-4.0.2-py2.py3-none-any.whl
Collecting pathlib2; python_version < "3" (from importlib-metadata<2.0,>=0.12; python_version < "3.8" (from virtualenv))
  Downloading https://files.pythonhosted.org/packages/e9/45/9c82d1666af4ef9f721cbb954d77ddb513fa552aaad5f37f1a4859/pathlib2-2.3.3-py2.py3-none-any.whl
Collecting zipp<0.5 (from importlib-metadata<2.0,>=0.12; python_version < "3.8" (from virtualenv))
  Downloading https://files.pythonhosted.org/packages/96/0a/67556e9b7782df7118c1f49bdc49da5e429c93aa77965f33e81287c8c/zipp-1.2.0-py2.py3-none-any.whl
Collecting singledispatch; python_version < "3.4" (from importlib-resources<2.0,>=1.0; python_version < "3.7" (from virtualenv))
  Downloading https://files.pythonhosted.org/packages/c5/10/369f50bcd4621b263927b0a1519987a043834a98fb10438042ad410cf88/singledispatch-3.4.0.3-py2.py3-none-any.whl
Collecting typing; python_version < "3.5" (from importlib-resources<2.0,>=1.0; python_version < "3.7" (from virtualenv))
  Downloading https://files.pythonhosted.org/packages/22/30/64ca29543375759dc589ade14a4c36382ab72bec1d67de481bc9814d7/typing-3.7.4.1-py2.py3-none-any.whl
Collecting scandir; python_version < "3.5" (from pathlib2; python_version < "3" (from importlib-metadata<2.0,>=0.12; python_version < "3.8" (from virtualenv))
  Downloading https://files.pythonhosted.org/packages/f9/d0/6b1335eaf9964510f5c32aa5aaf9f419864d2e0eb342746c3a5689a0c5/scandir-1.10.0-cp27-cp27m-win-amd64.whl
Installing collected packages: configparser, contextlib2, scandir, six, pathlib2, zipp, importlib-metadata, appdirs, distlib, singledispatch, typing, importlib-resources, filelock, virtualenv
Running setup.py install for distlib: started
Running setup.py install for distlib: finished with status 'done'
Running setup.py install for filelock: started
Running setup.py install for filelock: finished with status 'done'
WARNING: The script virtualenv.exe is installed in 'C:\Python27\Scripts' which is not on PATH.
Consider adding this directory to PATH or, if you prefer to suppress this warning, use --no-warn-script-location.
Successfully installed appdirs-1.4.3 configparser-4.0.2 contextlib2-0.6.0.post1 distlib-0.3.0 filelock-3.0.12 importlib-metadata-1.6.0 importlib-resources-1.4.0 pathlib2-2.3.3 scandir-1.10.0 singledispatch-3.4.0.3 six-1.14.0 typing-3.7.4.1 virtualenv-20.0.15 zipp-1.2.0
WARNING: You are using pip version 19.2.3, however version 20.0.2 is available. You should consider upgrading via the 'python -m pip install --upgrade pip' command.

Adminb@LAPTOP-DIKIKLMC MINGW64 ~
$ py -2 -m virtualenv py2-venv
created virtual environment CPython2.7.17.final.0-64 in 4514ms
creator CPython2windows(dest=C:\Users\Adminb\py2-venv, clear=False, global=False)
seeders FromAppData(download=False, pip-latest, setuptools-latest, wheel-latest, via-copy, app_data_dir=C:\Users\Adminb\AppData\Local\pyppa\virtualenv\seed-app-data\1.0.1)
activators PythonActivator, FishActivator, BatchActivator, BashActivator, PowershellActivator

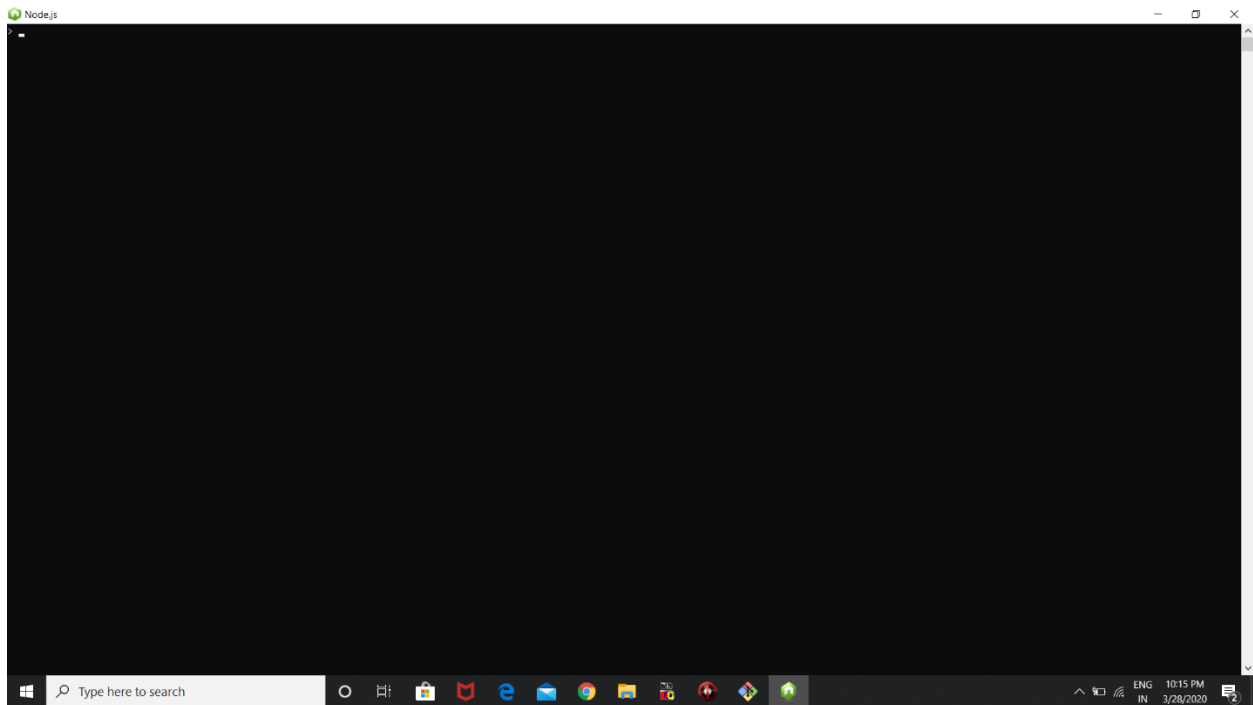
Adminb@LAPTOP-DIKIKLMC MINGW64 ~
$ source py2-venv/scripts/activate
(py2-venv)
Adminb@LAPTOP-DIKIKLMC MINGW64 ~
$ python -V
Python 2.7.17
(py2-venv)
Adminb@LAPTOP-DIKIKLMC MINGW64 ~
$ deactivate
```

```
MINGW64/C/Users/Adminb
bb954e1d74dbb513fa552aaad5f37f1a4859/pathlib2-2.3.3-py2.py3-none-any.whl
Collecting zipp<0.5 (from importlib-metadata<2.0,>=0.12; python_version < "3.8" (from virtualenv))
  Downloading https://files.pythonhosted.org/packages/96/0a/67556e9b7782df7118c1f49bdc49da5e429c93aa77965f33e81287c8c/zipp-1.2.0-py2.py3-none-any.whl
Collecting singledispatch; python_version < "3.4" (from importlib-resources<2.0,>=1.0; python_version < "3.7" (from virtualenv))
  Downloading https://files.pythonhosted.org/packages/c5/10/369f50bcd4621b263927b0a1519987a043834a98fb10438042ad410cf88/singledispatch-3.4.0.3-py2.py3-none-any.whl
Collecting typing; python_version < "3.5" (from importlib-resources<2.0,>=1.0; python_version < "3.7" (from virtualenv))
  Downloading https://files.pythonhosted.org/packages/22/30/64ca29543375759dc589ade14a4c36382ab72bec1d67de481bc9814d7/typing-3.7.4.1-py2.py3-none-any.whl
Collecting scandir; python_version < "3.5" (from pathlib2; python_version < "3" (from importlib-metadata<2.0,>=0.12; python_version < "3.8" (from virtualenv))
  Downloading https://files.pythonhosted.org/packages/f9/d0/6b1335eaf9964510f5c32aa5aaf9f419864d2e0eb342746c3a5689a0c5/scandir-1.10.0-cp27-cp27m-win-amd64.whl
Installing collected packages: configparser, contextlib2, scandir, six, pathlib2, zipp, importlib-metadata, appdirs, distlib, singledispatch, typing, importlib-resources, filelock, virtualenv
Running setup.py install for distlib: started
Running setup.py install for distlib: finished with status 'done'
Running setup.py install for filelock: started
Running setup.py install for filelock: finished with status 'done'
WARNING: The script virtualenv.exe is installed in 'C:\Python27\Scripts' which is not on PATH.
Consider adding this directory to PATH or, if you prefer to suppress this warning, use --no-warn-script-location.
Successfully installed appdirs-1.4.3 configparser-4.0.2 contextlib2-0.6.0.post1 distlib-0.3.0 filelock-3.0.12 importlib-metadata-1.6.0 importlib-resources-1.4.0 pathlib2-2.3.3 scandir-1.10.0 singledispatch-3.4.0.3 six-1.14.0 typing-3.7.4.1 virtualenv-20.0.15 zipp-1.2.0
WARNING: You are using pip version 19.2.3, however version 20.0.2 is available. You should consider upgrading via the 'python -m pip install --upgrade pip' command.

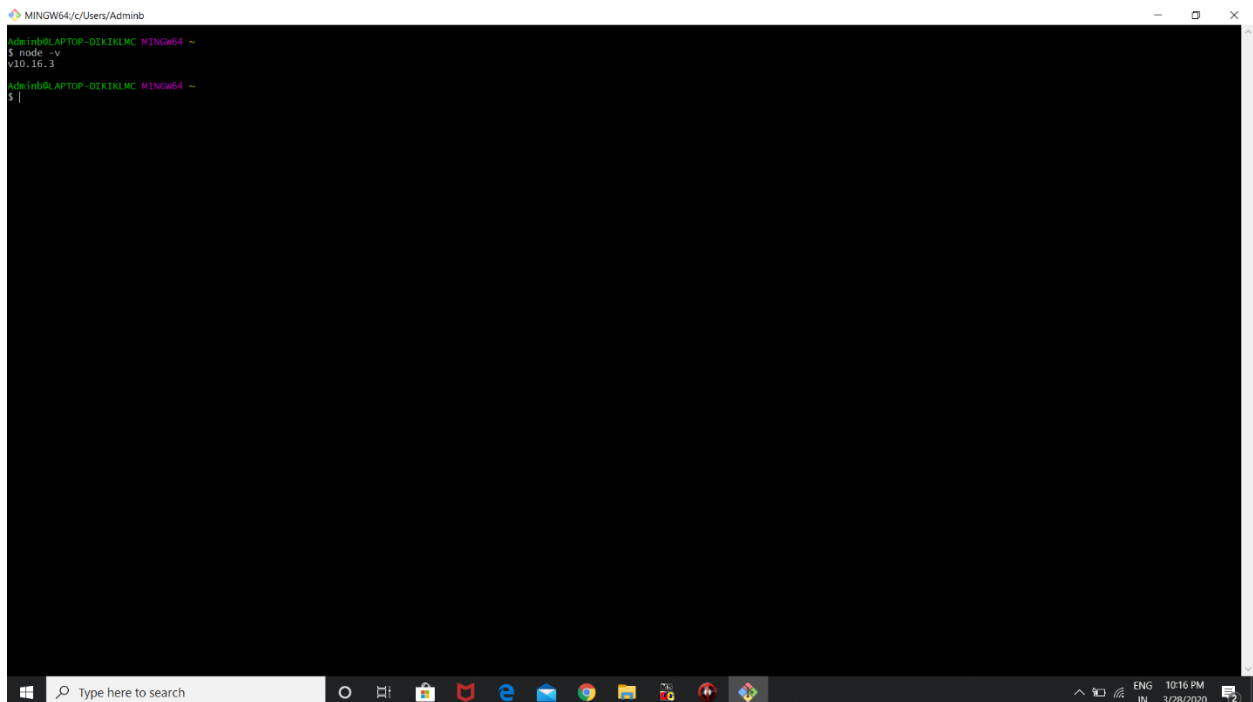
Adminb@LAPTOP-DIKIKLMC MINGW64 ~
$ py -2 -m virtualenv py2-venv
created virtual environment CPython2.7.17.final.0-64 in 4514ms
creator CPython2windows(dest=C:\Users\Adminb\py2-venv, clear=False, global=False)
seeders FromAppData(download=False, pip-latest, setuptools-latest, wheel-latest, via-copy, app_data_dir=C:\Users\Adminb\AppData\Local\pyppa\virtualenv\seed-app-data\1.0.1)
activators PythonActivator, FishActivator, BatchActivator, BashActivator, PowershellActivator

Adminb@LAPTOP-DIKIKLMC MINGW64 ~
$ source py2-venv/scripts/activate
(py2-venv)
Adminb@LAPTOP-DIKIKLMC MINGW64 ~
$ python -V
Python 2.7.17
(py2-venv)
Adminb@LAPTOP-DIKIKLMC MINGW64 ~
$ deactivate
```

3. Installing node

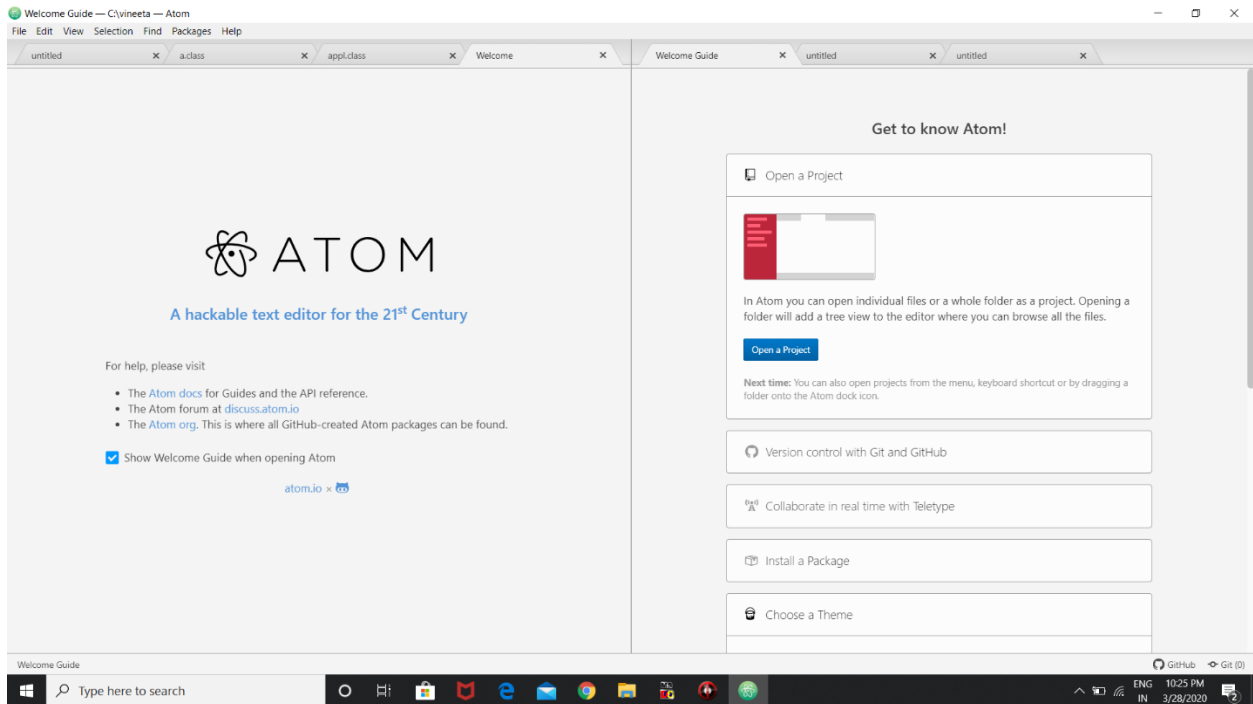


Verification of node



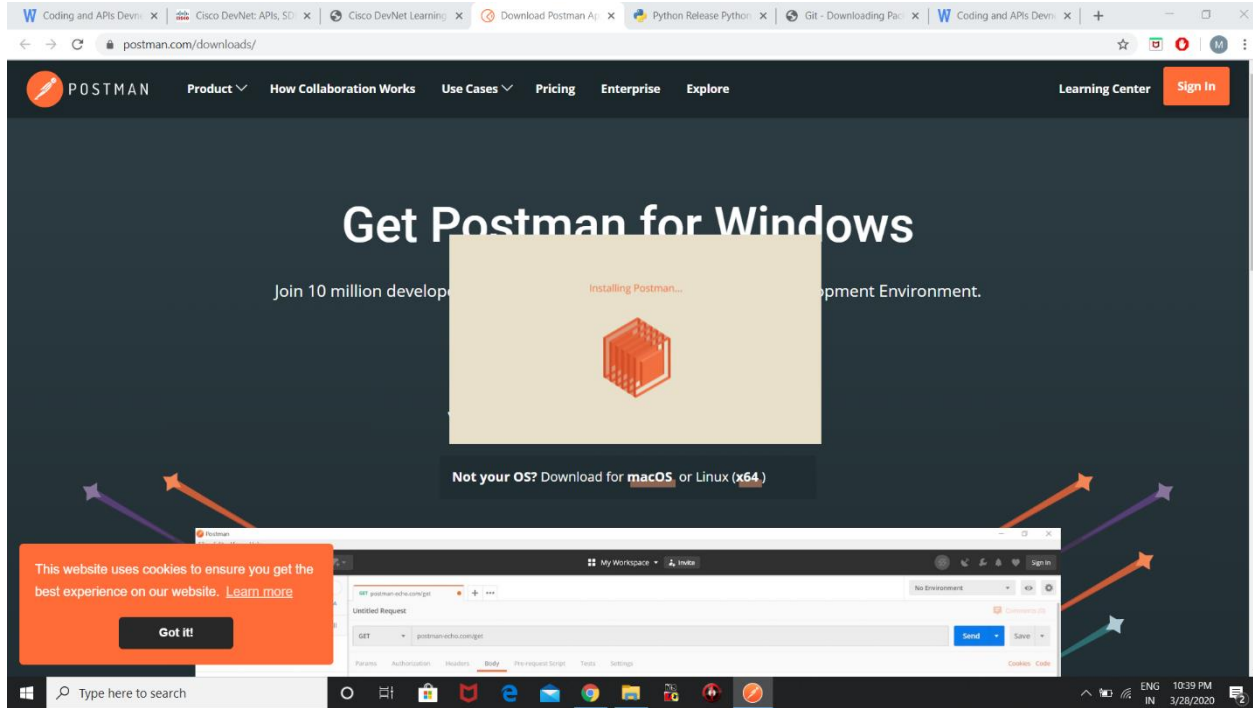
- Text Editors and IDE

Install Atom



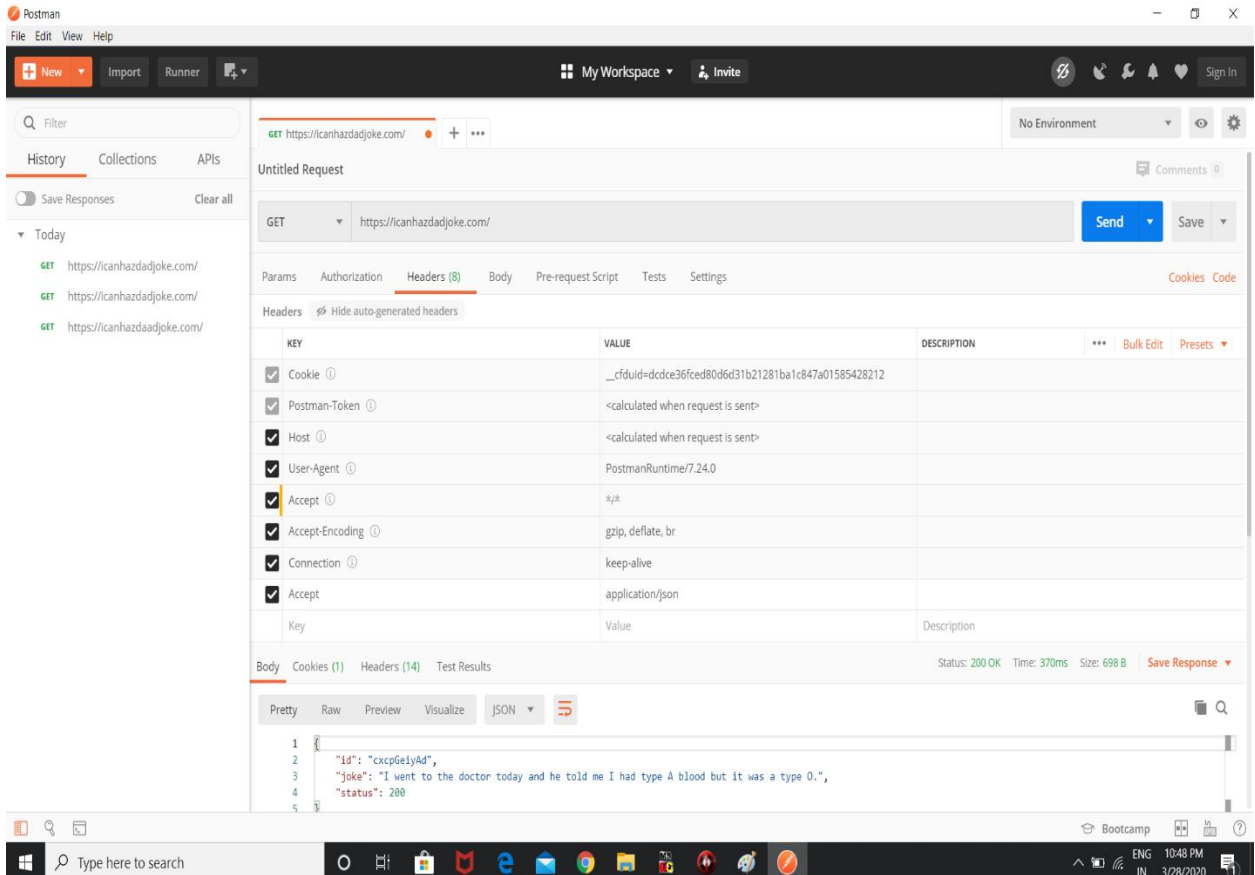
- Development Tools and Clients:

1. Install Postman



Verification

1. Once the installation is complete, Postman will show sign-up options. Click on “Take me Straight to the app. I’ll create an account another time”.
2. You can make REST API calls with postman.
3. Enter the link into address bar.
4. Click headers tab and add entry for accept with value application/json.
5. Click send.



2. Install ngrok

Verification

1. Open cmd shell.
2. Change directory to ngrok
3. Start sample ngrok tunnel.

```
Command Prompt
Microsoft Windows [Version 10.0.18362.720]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\Admin>cd ngrok
C:\Users\Admin\ngrok>ngrok http 5000
```

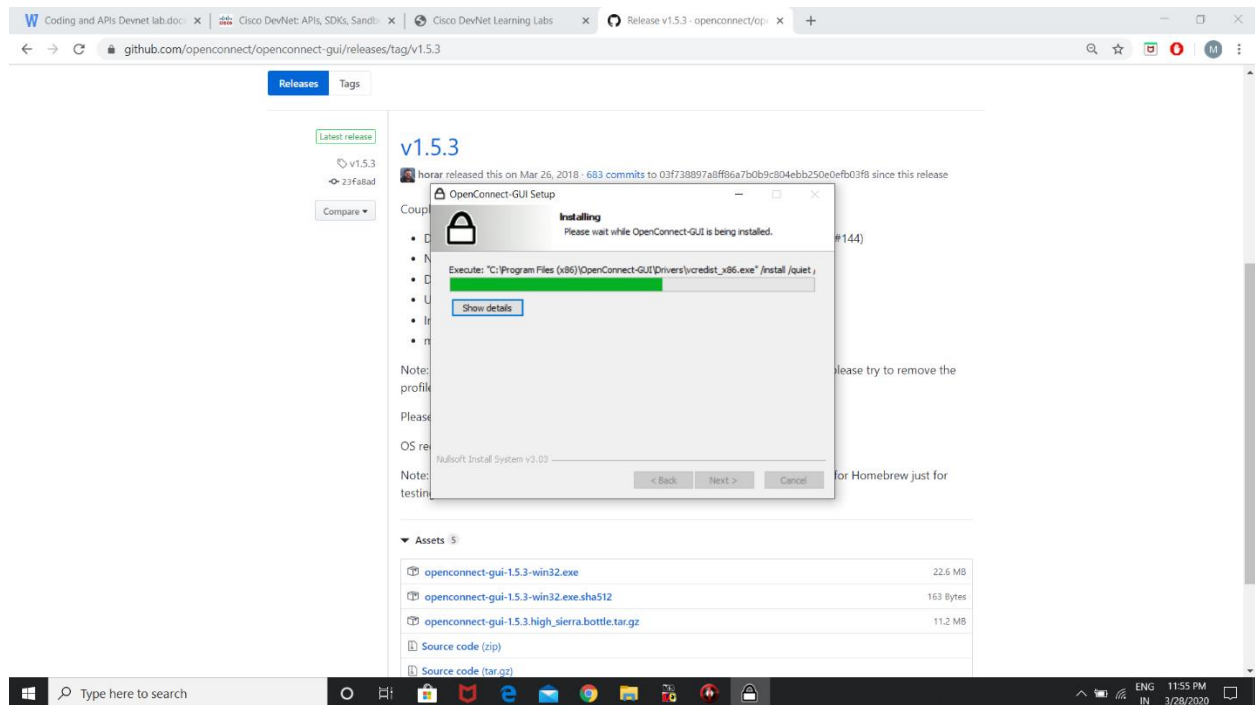
```
Command Prompt - ngrok http 5000
ngrok by @inconshreveable

Session Status      online
Session Expires     7 hours, 59 minutes
Version             2.3.35
Region              United States (us)
Web Interface        http://127.0.0.1:4040
Forwarding           http://ae82e0d7.ngrok.io -> http://localhost:5000
                    https://ae82e0d7.ngrok.io -> http://localhost:5000

Connections
  ttl    opn    rt1    rt5    p50    p90
   0      0    0.00   0.00   0.00   0.00
```

3. Install google chrome

4. Install OpenConnect



Starting with REST APIs

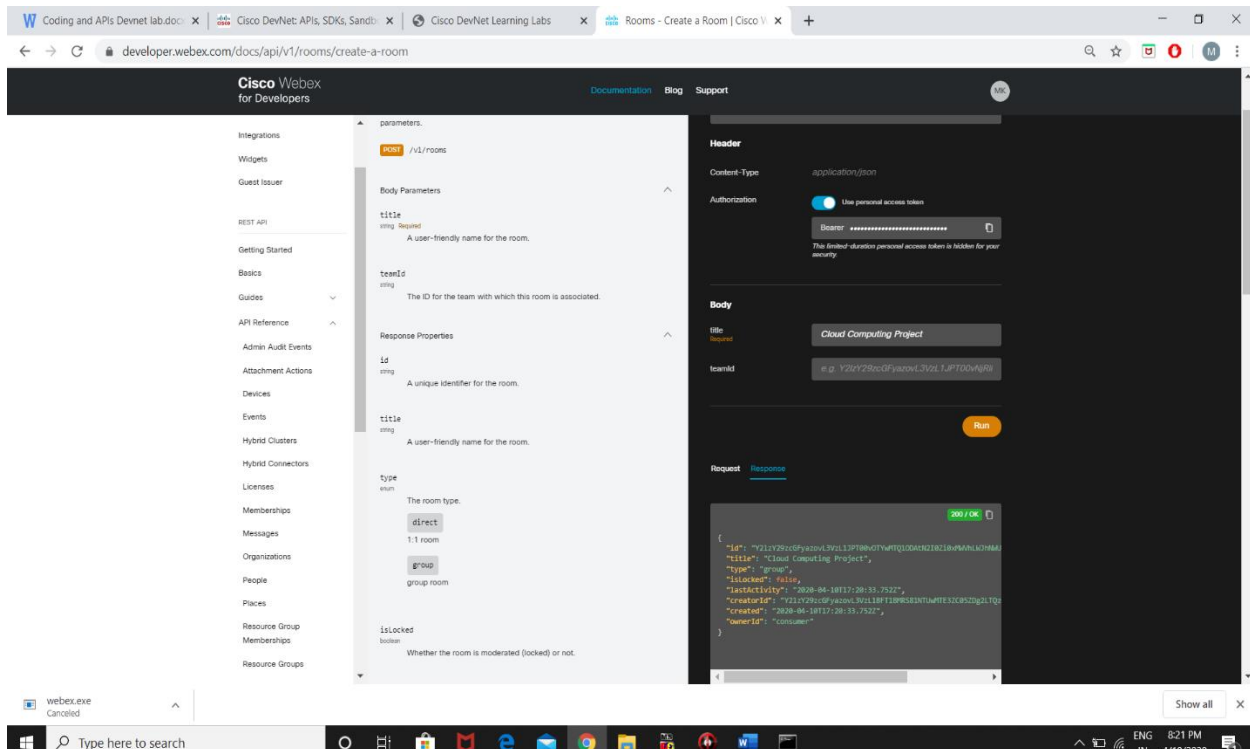
REST stands for Representational State Transfer. An API is an Application Programming Interface. Together, these two terms signify a way for applications to talk to each other.

Setting up the Computer

Install git or curl which we have already installed.

Find the API documentation pages for conceptual and reference information for REST API.

Sign up for CISCO Webex teams authentication and understanding the REST API verbs.



REST API has several tools. Lets consider cURL that is Linux command line application.

Choosing a verb and URI and configuring the headers and authentication for which we need a bearer token that can be obtained by signing in and logging into the webex teams. The bearer token is available for 12 hours due to privacy policy. Provide the parameters and verify the status.

Setting up the computer

```
MINGW64/c/Users/Adminib/code/dnav3-code/rest-api
-c, --config <key>=value    set config inside the new repository
--server-option <server-specific>
                             option to transmit
-4, --ipv4                  use IPv4 addresses only
-6, --ipv6                  use IPv6 addresses only
--filter <args>             object filtering
--remote-submodules         any cloned submodules will use their remote-tracking b
                             ranch
--sparse                    initialize sparse-checkout file to include only files
                             at root

Adminib@LAPTOP-DEKIKLMC MINGW64 ~/code
$ git clone https://github.com/CiscoDevNet/dnav3-code
Cloning into 'dnav3-code'...
remote: Enumerating objects: 33, done.
remote: Counting objects: 100% (33/33), done.
remote: Compressing objects: 100% (24/24), done.
Receiving objects: 100% (1442/1442), 2.48 MiB | 428.00 KiB/s, done.
Resolving deltas: 100% (714/714), done.

Adminib@LAPTOP-DEKIKLMC MINGW64 ~/code
$ cd dnav3-code

Adminib@LAPTOP-DEKIKLMC MINGW64 ~/code/dnav3-code (master)
$ py -3 -m venv venv

Adminib@LAPTOP-DEKIKLMC MINGW64 ~/code/dnav3-code (master)
$ source py3-venv/Scripts/activate
bash: py3-venv/Scripts/activate: No such file or directory

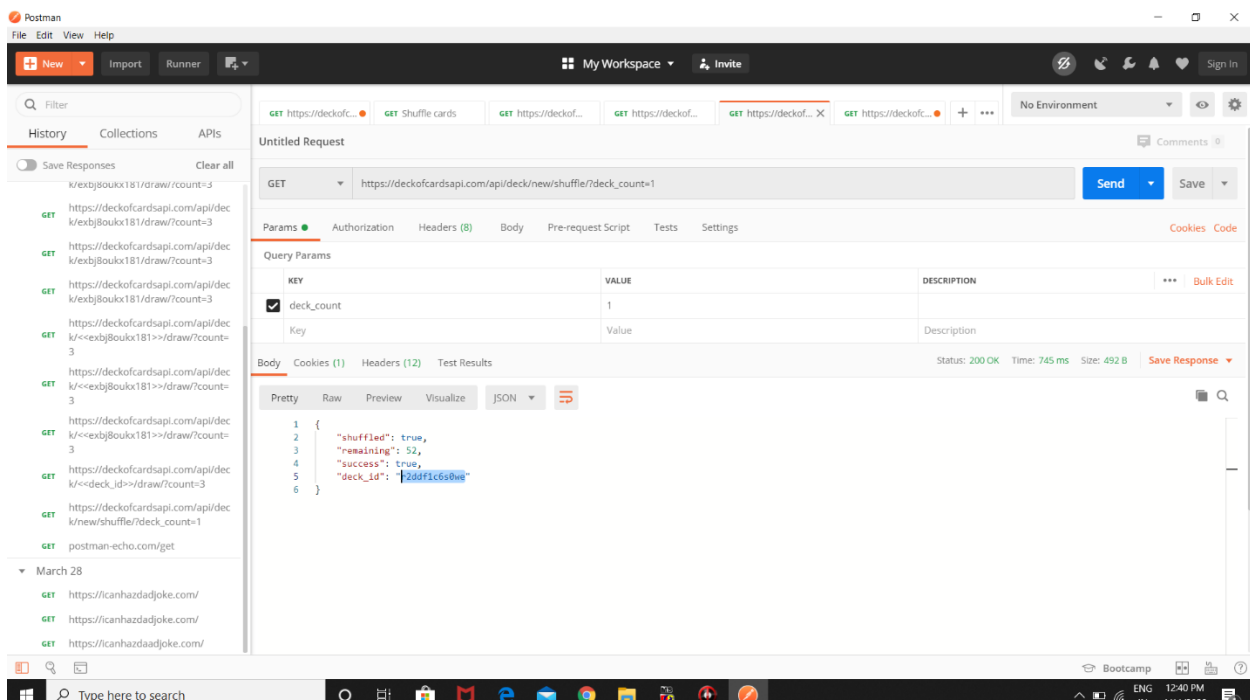
Adminib@LAPTOP-DEKIKLMC MINGW64 ~/code/dnav3-code (master)
$ source py3-venv/Scripts/activate
bash: py3-venv/Scripts/activate: No such file or directory

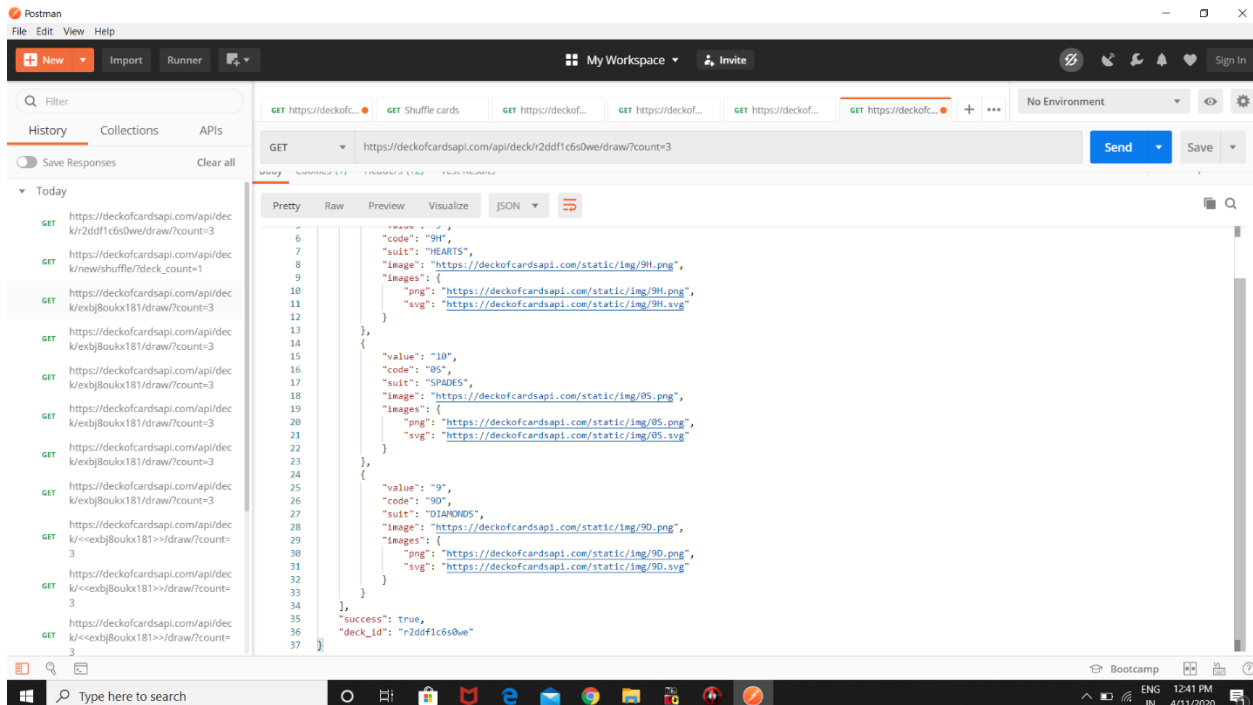
Adminib@LAPTOP-DEKIKLMC MINGW64 ~/code/dnav3-code (master)
$ py -3 -m venv venv
source py3-venv/Scripts/activate

Adminib@LAPTOP-DEKIKLMC MINGW64 ~/code/dnav3-code (master)
$ cd rest-api/

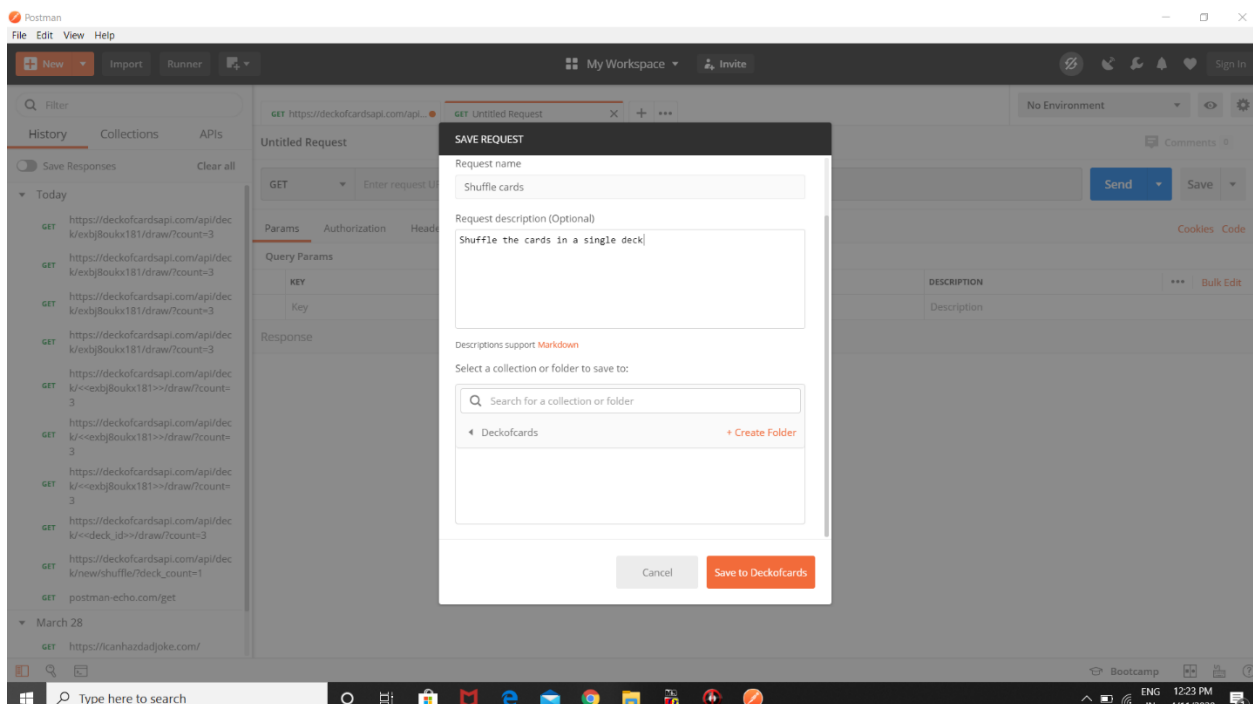
Adminib@LAPTOP-DEKIKLMC MINGW64 ~/code/dnav3-code/rest-api (master)
$ /c/Users/Adminib/Desktop/code
Desktop
```

Here we are to send API Requests with Postman. Shuffling a new deck with postman and the Deck of cards API and drawing the three cards from the deck of cards API.

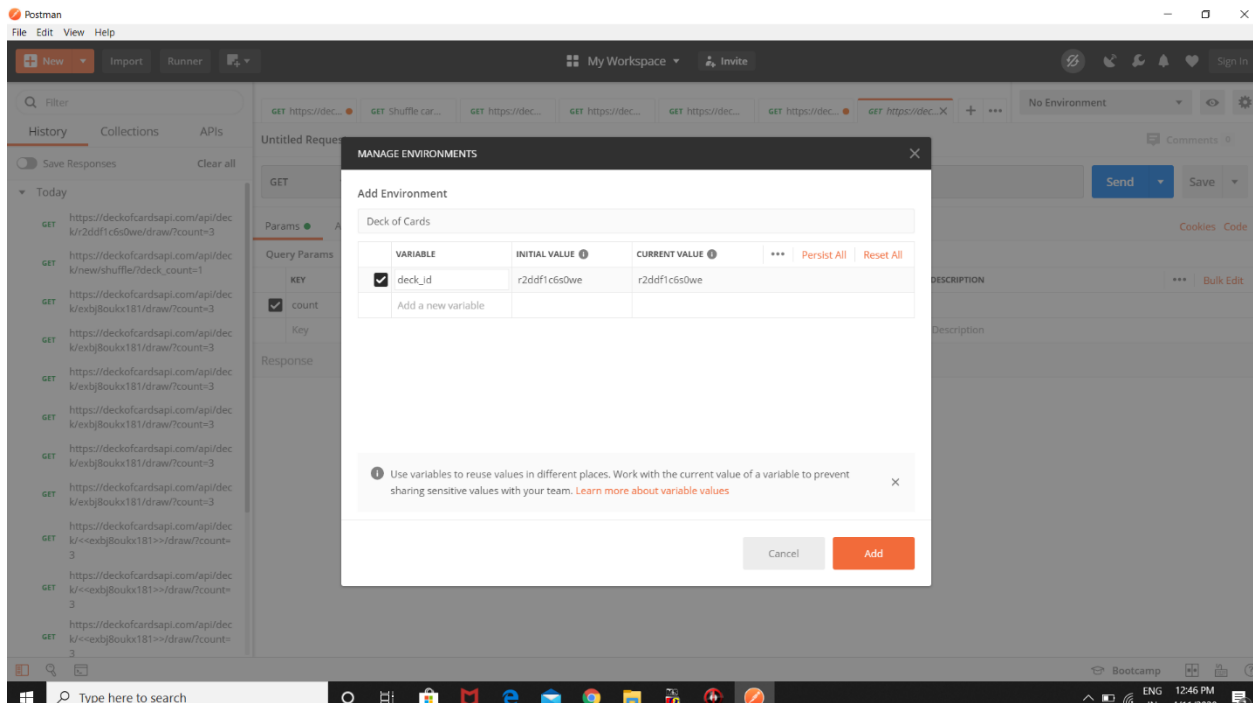




When working with tonnes of APIs then we should better organize our requests. Therefore, Making collection for Deck of cards API requests and saving them.

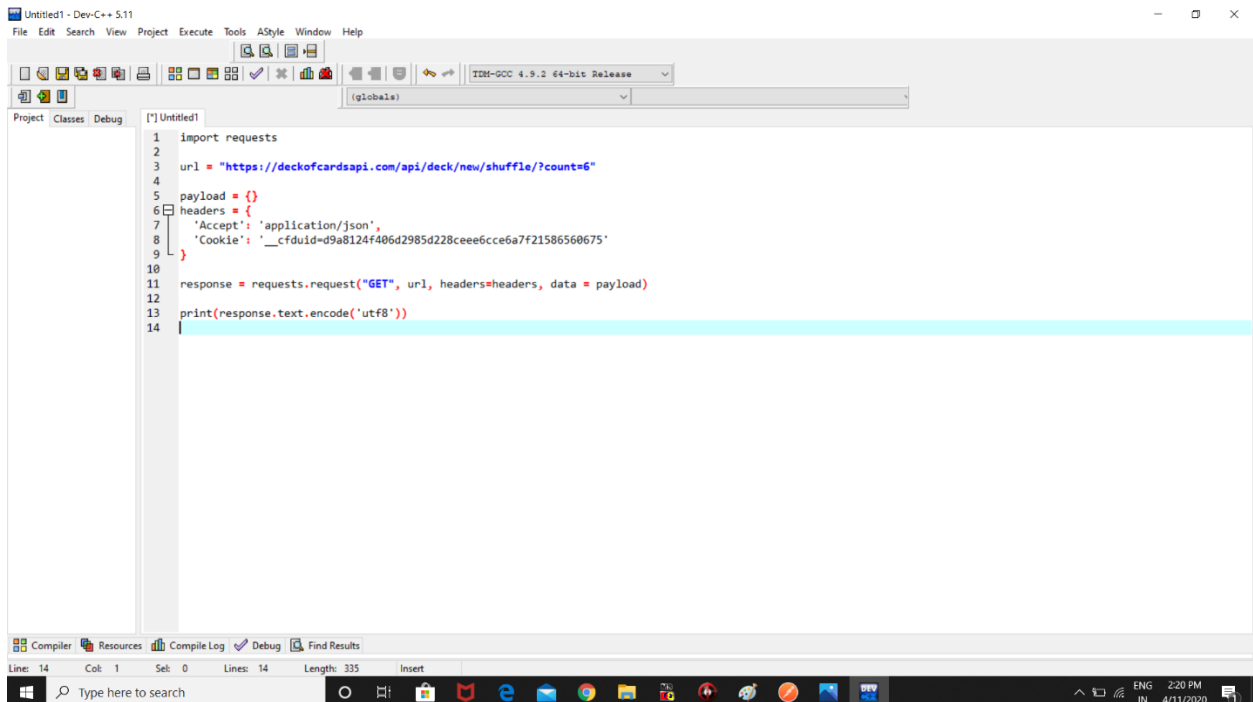
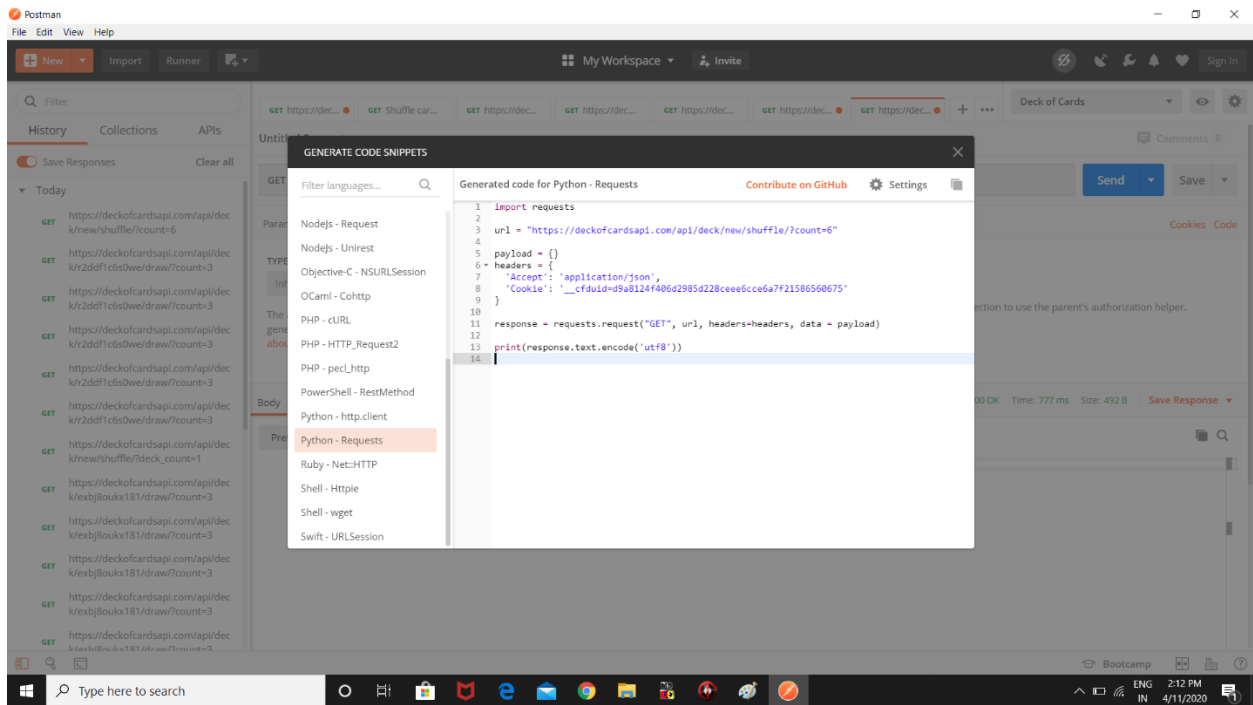


Creating a Postman environment by giving variables which makes it easy to substitute references and reuse calls.



Further using these variable in a request. Since we made one requests therefore response will be same as that of drawing the three cards.

Now generating python codes with postman and running them into text editors.

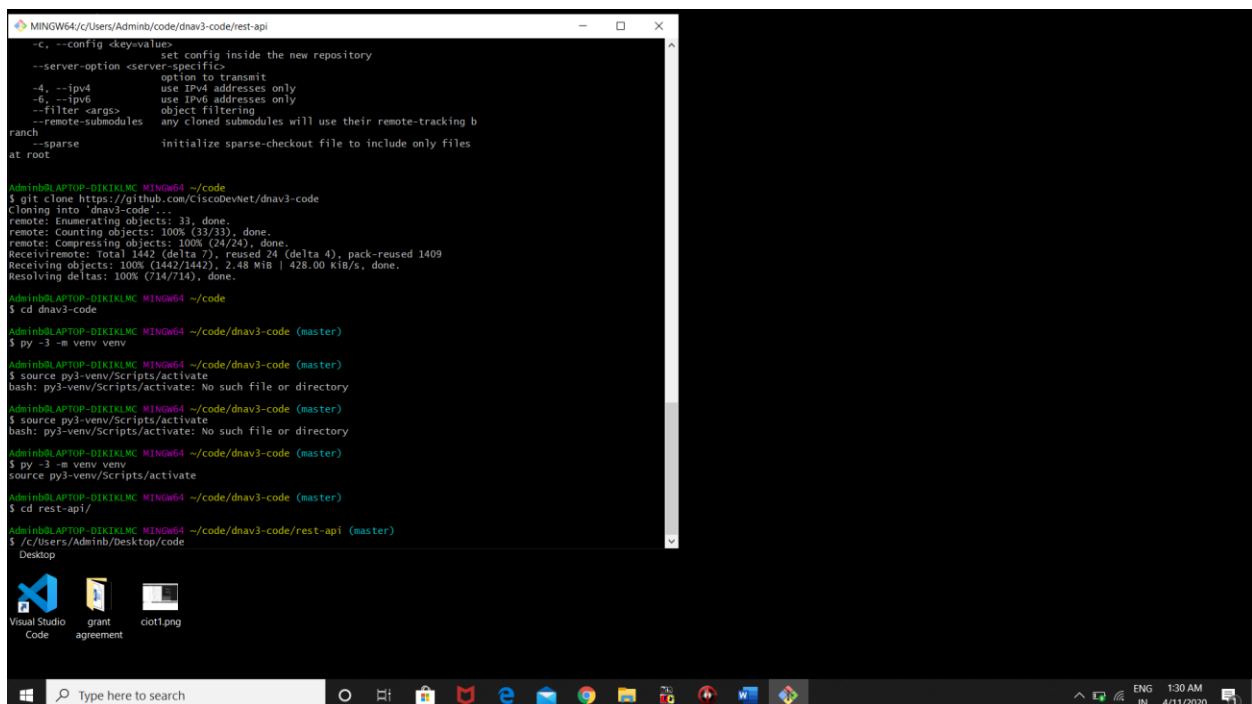


In this way, we have done creating and reusing API calls for quick lookups of requests to send. Also, We have generated a tool in API tool kit in postman.

Introduction to Git

Git has basic workflows with the help of which by using basic git command we can accomplish the things.

Basic commands for cloning the repository, prepare repo for changes, keeping repository up-to-date, making changes, committing your changes and many more...



```
MINGW64/c/Users/Adminib/code/dnav3-code/rest-api
-C, --config <key=value>
    set config inside the new repository
--server-option <server-specific>
    option to transmit
-4, --ipv4
    use IPv4 addresses only
-6, --ipv6
    use IPv6 addresses only
--filter <args>
    object filtering
--remote-submodules
    any cloned submodules will use their remote-tracking b
ranch
--sparse
    initialize sparse-checkout file to include only files
at root

Adminib@LAPTOP-DEKIKLMC MINGW64 ~/code
$ git clone https://github.com/CiscoDevNet/dnav3-code
Cloning into 'dnav3-code'...
remote: Enumerating objects: 33, done.
remote: Counting objects: 100% (33/33), done.
remote: Compressing objects: 100% (24/24), done.
Receiving objects: 100% (1442/1442), 2.48 MiB | 428.00 KiB/s, done.
Resolving deltas: 100% (714/714), done.

Adminib@LAPTOP-DEKIKLMC MINGW64 ~/code
$ cd dnav3-code

Adminib@LAPTOP-DEKIKLMC MINGW64 ~/code/dnav3-code (master)
$ py -3 -m venv venv

Adminib@LAPTOP-DEKIKLMC MINGW64 ~/code/dnav3-code (master)
$ source py3-venv/Scripts/activate
bash: py3-venv/Scripts/activate: No such file or directory

Adminib@LAPTOP-DEKIKLMC MINGW64 ~/code/dnav3-code (master)
$ source py3-venv/Scripts/activate
bash: py3-venv/Scripts/activate: No such file or directory

Adminib@LAPTOP-DEKIKLMC MINGW64 ~/code/dnav3-code (master)
$ py -3 -m venv venv
source py3-venv/Scripts/activate

Adminib@LAPTOP-DEKIKLMC MINGW64 ~/code/dnav3-code (master)
$ cd rest-api/

Adminib@LAPTOP-DEKIKLMC MINGW64 ~/code/dnav3-code/rest-api (master)
$ /c/Users/Adminib/Desktop/code
Desktop
```

The screenshot shows a Windows terminal window with a dark background. The title bar indicates the path 'MINGW64/c/Users/Adminib/code/dnav3-code/rest-api'. The terminal displays the output of several Git and Python commands. It starts with a Git configuration section, followed by cloning a repository from GitHub. The output shows the progress of cloning, including object enumeration, counting, and downloading. After cloning, the user navigates to the cloned directory and creates a virtual environment using 'py -3 -m venv venv'. They then attempt to activate the environment using 'source py3-venv/Scripts/activate', but receive an error because the file does not exist. This process is repeated. Finally, the user navigates to the 'rest-api' subdirectory. The Windows taskbar at the bottom shows the Start button, a search bar, and several application icons. The system tray on the right shows the date and time as 1:30 AM on 4/11/2020.

```
MINGW64/c/Users/Adminib/code/dnav3-code
AdminB@LAPTOP-DIKIKLMC MINGW64 ~
$ git status
fatal: not a git repository (or any of the parent directories): .git
AdminB@LAPTOP-DIKIKLMC MINGW64 ~
$ cd code
AdminB@LAPTOP-DIKIKLMC MINGW64 ~/code
$ git status
fatal: not a git repository (or any of the parent directories): .git
AdminB@LAPTOP-DIKIKLMC MINGW64 ~/code
$ cd dnav3-code
AdminB@LAPTOP-DIKIKLMC MINGW64 ~/code/dnav3-code (master)
$ git status
On branch master
Your branch is up to date with 'origin/master'.

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    py3-venv/
    source/

nothing added to commit but untracked files present (use "git add" to track)
AdminB@LAPTOP-DIKIKLMC MINGW64 ~/code/dnav3-code (master)
$ git checkout -b mycode
Switched to a new branch 'mycode'
AdminB@LAPTOP-DIKIKLMC MINGW64 ~/code/dnav3-code (mycode)
$ git fetch
AdminB@LAPTOP-DIKIKLMC MINGW64 ~/code/dnav3-code (mycode)
$ git status
On branch mycode
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    py3-venv/
    source/

nothing added to commit but untracked files present (use "git add" to track)
AdminB@LAPTOP-DIKIKLMC MINGW64 ~/code/dnav3-code (mycode)
$ git diff
AdminB@LAPTOP-DIKIKLMC MINGW64 ~/code/dnav3-code (mycode)
$ git config --global user.name "Muskan"
AdminB@LAPTOP-DIKIKLMC MINGW64 ~/code/dnav3-code (mycode)
$ git config --global user.email muskankaushik0872@gmail.com
AdminB@LAPTOP-DIKIKLMC MINGW64 ~/code/dnav3-code (mycode)
$ |
```

Introduction to Python

1. Activating the virtual environment
2. Verifying the interpreter
3. Accessing the python interactive shell
4. Running a script
5. Also, we can code programs of python in the interactive shell.
6. Loops, structures, scripts structure, variable concepts and more can be implemented in the interactive shell.

MINGW64/c/Users/Adminb/code/dnav3-code

```
AdminbLAPTOP-DEIKILMC MINGW64 ~  
$ cd code  
AdminbLAPTOP-DEIKILMC MINGW64 ~/code  
$ cd dnav3-code  
AdminbLAPTOP-DEIKILMC MINGW64 ~/code/dnav3-code (master)  
$ source venv/Scripts/activate  
(venv)  
AdminbLAPTOP-DEIKILMC MINGW64 ~/code/dnav3-code (master)  
$ ~/code/dnav3-code/intro-python/part1/hands_on_exercise.py  
/c/Users/Adminb/code/dnav3-code/intro-python/part1/hands_on_exercise.py: line 1:  
Intro to Python - Part 1 - Hands-on Exercise.: command not found  
/c/Users/Adminb/code/dnav3-code/intro-python/part1/hands_on_exercise.py: line 4:  
import: command not found  
/c/Users/Adminb/code/dnav3-code/intro-python/part1/hands_on_exercise.py: line 5:  
import: command not found  
/c/Users/Adminb/code/dnav3-code/intro-python/part1/hands_on_exercise.py: line 9:  
pi: command not found  
/c/Users/Adminb/code/dnav3-code/intro-python/part1/hands_on_exercise.py: line 13  
: syntax error near unexpected token `('`  
/c/Users/Adminb/code/dnav3-code/intro-python/part1/hands_on_exercise.py: line 13  
: i = random.randint(0, 100)`  
(venv)  
AdminbLAPTOP-DEIKILMC MINGW64 ~/code/dnav3-code (master)  
$
```

Type here to search

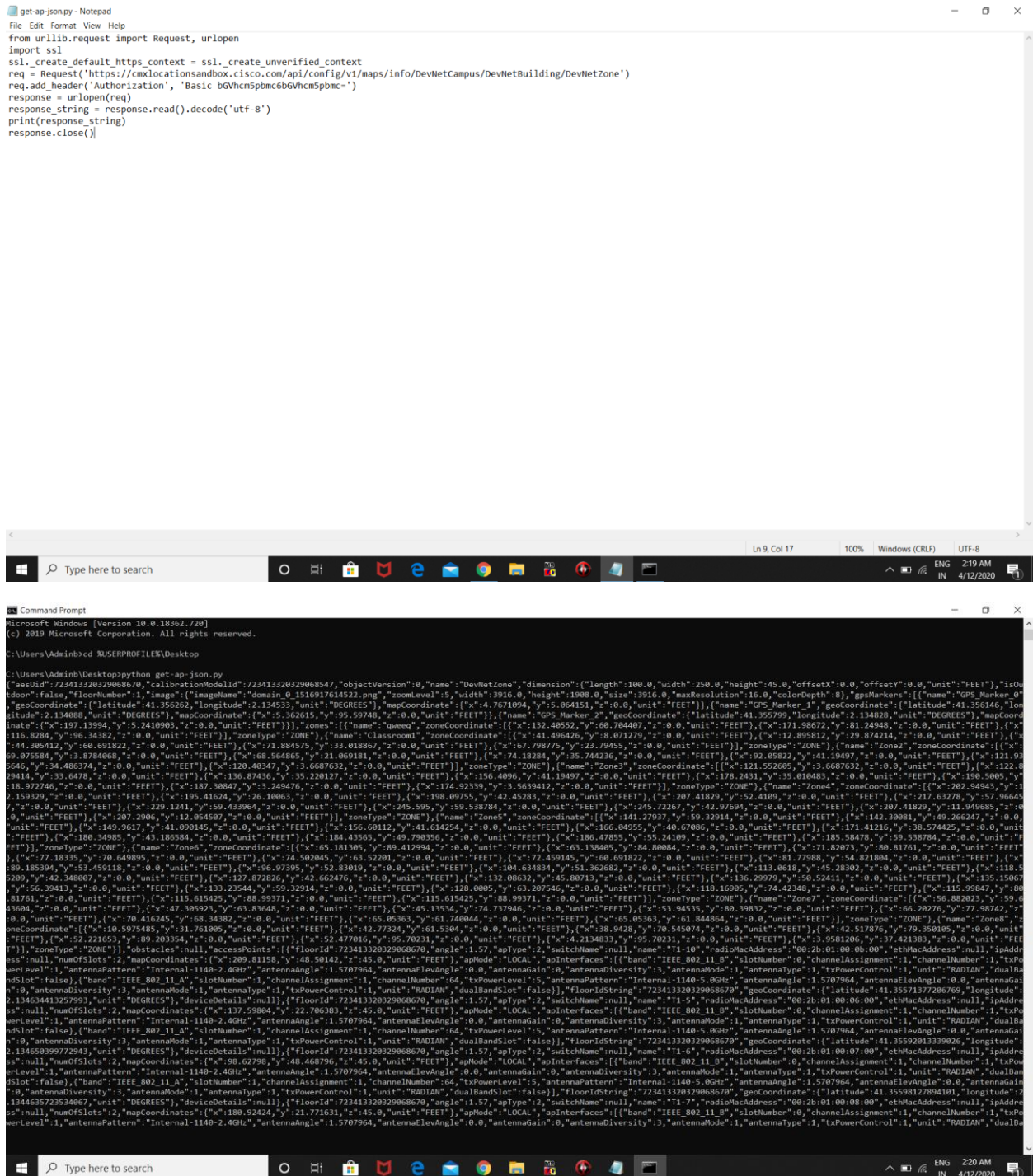
MINGW64/c/Users/Adminb/code/dnav3-code

```
AdminbLAPTOP-DEIKILMC MINGW64 ~  
$ cd code  
AdminbLAPTOP-DEIKILMC MINGW64 ~/code  
$ cd dnav3-code  
AdminbLAPTOP-DEIKILMC MINGW64 ~/code/dnav3-code (master)  
$ source venv/Scripts/activate  
(venv)  
AdminbLAPTOP-DEIKILMC MINGW64 ~/code/dnav3-code (master)  
$ which python  
/c/Users/Adminb/code/dnav3-code/venv/Scripts/python  
(venv)  
AdminbLAPTOP-DEIKILMC MINGW64 ~/code/dnav3-code (master)  
$ python -v  
python 3.8.2  
(venv)  
AdminbLAPTOP-DEIKILMC MINGW64 ~/code/dnav3-code (master)  
$ python intro-python/part1/hello.py  
Hello Python!! ...at least I didn't say World.  
(venv)  
AdminbLAPTOP-DEIKILMC MINGW64 ~/code/dnav3-code (master)  
$
```

Type here to search

ENG 1:53 AM
IN 4/12/2020

Trying to make python script that can make an HTTP request to the CMX server.



MUSKAN KAUSHIK