Batch downloading Landsat scenes with Python – Cheat sheet

1. Activate your valid Python environment in Command Line using the **activate** command and the name of your Python environment

```
activate download
```

2. Navigate to the directory that your getsentinel.py script is in using the **cd** command

```
(download) C:\Program Files\ArcGIS\Pro\bin\Python\envs\arcgispro-py3-clone>cd/

(download) C:\>cd Users/how/Downloads
```

3. Decide your input parameters for your Sentinel-2 download, making sure to at least define the mandatory variables **--latlon**, **--date1** and **--date2**

Variable	Name	Notes	Mandatory/ optional variable?	Default input
--latlon	Area of interest	Latitude, longitude position denoting the area of interest	Mandatory	N/A
--date1	Start date	Start date for scene download	Mandatory	N/A
--date2	End date	End date for scene download	Mandatory	N/A
--loc1	Download folder location	Folder location to download zip files to	Optional	Directory that the Python script is in
--loc2	Unzip folder location	Folder location to unzip files to in the set folder structure	Optional	'G:/Satellitdata/LandSat'
--cloud	Cloud cover	Cloud cover percentage range; for example, '(0,5)' denotes a percentage range of 0% to 5%	Optional	None
--user	EarthExplorer username	Username for logging in to EarthExplorer	Optional	'guest'
--pswrd	EarthExplorer password	Password for logging in to EarthExplorer	Optional	'guest'
--over	Overwrite flag	Flag denoting whether files that exist should be overwritten with newly downloaded version	Optional	False
--prodctrl	Product control flag	Flag denoting whether product control is implemented (i.e. L8 OLI/TIRS combined products will be downloaded only)	Optional	True

4. Run the script from the Command Line with your defined input parameters

```
>python getlandsat.py --latlon 67.08,50.04 --date1 20190701 --date2 20190710
```