*The following instruction is to provide instructions on how to run* ***download-url-nasa.py*** *to download satellite data from NASA website*

**Step 1:** **set environment**

a) download anaconda for python 3 from here; alternatively, miniconda

b) setup python 3 envrionment for nasa in the terminal

**conda create** -n **nasa** python=3.7 anaconda

*more instructions on environment setup to be found here*

c) activate environment nasa

**conda activate** nasa

**Step 2: prepare the script**

a) Once data is selected on the website, follow instruction in picture below and download the txt file, i.e. named "**xxxx-download.txt**"

b) change the url text to a list of strings python can process

• open the txt file with a text editor (sublime recommended)

• using **find all** to edit the beginning of each url

and add **"** before each url

• do the same for the end of each url

add **",** at the end of each url

**•** delete , at the very end of the text file

c) move the python script **download-url-nasa.py** to the **desired directory** where the data is stored

d) open **download-url-nasa.py** replace the inside of **links = [ ]** (line 67) with the exact text copied from the text file prepared in step b)

make sure the brackets are closed and there is no errors shown in the text files

**Step 3: run the script**

a) go to the designated directory in the terminal where the python script is saved and data is to be stored

b) run the script

python download-url-nasa.py

c) code 200 will show up on the terminal when the script is loading correctly and your data is being downloaded. The script will exit automatically when the download is finished.

and all the data is saved in the designated directory