Web scrape

1) pip install bs4
2) Open python in cmd
   - import bs4
   - from urllib.request import urlopen as uReq
   - from bs4 import BeautifulSoup as soup
3) Pip install selenium
4) Put your chrome webdriver in webdriver folder
5) Run - python styleimages.py to webscrape style images

Dataset Information

Dataset can be found here :
https://drive.google.com/drive/folders/1TJEsXmPXGcrixQ-YZHa0hl9sE3BIDabA?usp=sharing

It has 2 categories images and videos and further 2 categories - style and content.

Style Images :

Currently, I have taken 50 painters out of famous 101 painters. While web scraping few of the directories were having less than 5 paintings so I deleted it and traversed for a few more out of 101 to make it total 50 directories. Every painter has approximately 50 paintings except a few.

1) You can either download the dataset from here and create a folder called dataset and store it in the directory where styleimages.py is

   Like in my case :

   D:\Style-Transfer\Webscrape\dataset\images\style_images

   Here your styleimages.py file will be in the same directory as that of the dataset.

2) Or you can web scrape yourself based on different parameters(number of painters,number of paintings,etc).