downdood\_ogora.py'

The first function to be called in the main function is get-ty-links ():

Here we unitialize two arrays Just years = [] and year links = [] using for loop we download the dataset for the needed period. We grue the particular year in the year did and the corresponding link for that year will be appended in year links lut. Again we initialize two lists as tys=CJ and ty-links=CJ

we get the dataset from " agora . ex . ni i ac . jp/digital - typhoon ' . Thu website contains all the records of Typhoony from 1951 to 2022. For example It we take a particular year old the cyclones which are occurred during that particular year is also be recorded. All the records for that particular year (202101) 202123) will be stored in tyses list. And the corresponding likes will be stored in tys-links (2) list. For extracting these links we will use beautifulsoup library. This library is used for neb scraping. web scraping is the process of collecting douta from the internet. soup tind-alle) function is used for Amdry out all tags

with the specified tog hame or id. The 'get ty links: 'function will return tays: I duty. Next we are calling 'download-Pmgs' to, links!' function which consust of two arguments to and links which are returned from 'get ty links: 'The 'download-Pmgs: 'The 'download-Pmgs: 'I tuntion is used for download-Pmgs: 'The the 'download-Pmgs: 'The tuntion is used for download-Pmgs: 'The 'download-Pmgs: 'The 'downlo

download\_Pmgs (tys, ty-links):

upload the dataset.

down doading the Prage and also we get the Information of wind and central pressure.

First the ty-links attribute is passed to the httpget() function.

This function will seture the html lode for that particular link. After getting the html page the content is parsed curing the Beautiful soup method. In All the links (tag a) will be stored in a list named a list. These slinks eve extracted from that page using find-all method. In that link the wind

The cyclone image is downstooded using "httpDownload" function. After downloading the image, the image name is created.

The Format is "yearworth\_Timestamp\_wind\_
central pressure"

httpget (url):-

In this function the se sequests get () function is called. The argument is unland time out. This function will return a response Object.

This function return the content in the url in html format.