**CODE DISCRIPTION**

At first, we need to import the required libraries for the functioning of the submitted code. The users download request will contain a string, which will allow network protocol peer, which in return helps to surf on the web for web scrapping.

In the function get\_soup() we use the command beautifulsoup in order to perform web scrap for the given url and collect its header and the html parser.

The function get\_query\_url() is used to add the query to the google search link for the https in the code in order to search it .

The function extract\_images\_from\_soup() is used for extracting the image which has been scraped from the get\_soup() function.

The function extract\_images() is used to extract the raw images from the internet from the provided url in the request header of the program

In function save\_image(), from the extract\_images() is used to get the raw images and the image type and it also to direct to save the image after downloading it.

In function download\_images\_to\_dir (), performs the function of downloading a;; the images from the provided path. Later tge images are saved in save dir with file name, which is performed by the library **os**

I have later return an exception condition in order to handle all the exceptions taking place.

And then finally function run(), which will require 3 parameters, the query , save dir and the number of images to be saved

In order to get a better output for the input give n by the user we argparse to run it on command prompt. Here the main inputs given by the user are the keyword, which he needs to search and the number of images he needs for the given keyword and the final directory were he wants to save the images downloaded. The moan function is used to run all these function in integration and synchronisation.