PYTHON PROJECT

NOTIFICATION SYSTEM FOR COVID-19 CASES:

from gettext import ngettext

from pydoc import HTMLDoc

from threading import main\_thread

from time import time

from pip import main

from plyer import notification

import requests # The requests module allows you to send HTTP requests using Python.

                # The HTTP request returns a Response Object with all the response

                # data (content, encoding, status, etc).

from bs4 import BeautifulSoup

soup = BeautifulSoup(HTMLDoc, 'html.parser')

def notifyMe(title, message):

    notification.notify(

        title = title,

        message = message,

        app\_icon = None ,

        timeout = 6

        )

def getData(url):

    r = requests.get(url)  # fetching data from the url

    return r.text

if \_\_name\_\_ == "\_\_main\_\_" :

    while True:

    # notifyMe("Inika" , "lets stop the spread of this virus together")

        myHtmlData = getData('https://www.mohfw.gov.in/')

        soup = BeautifulSoup(myHtmlData, 'html.parser')

    # print(soup.prettify())

        myDataStr = ""

        for tr in soup.find\_all('tboady')[1].find\_all('tr'):

            myDataStr += tr.get\_text()

        myDataStr = myDataStr[1:] # slice the data string leaving the 1st part

        itemList = myDataStr.split("\n\n") # will give all the rows

        states = ['Chandigarh', 'Uttar Pradesh']

        for item in itemList[0:22]:

            dataList = item.split('\n')

            if dataList[1] in states:

                print(dataList)

                nTitle = 'Cases of Covid-19'

                nText = f"{dataList[1]} Indian: {dataList[2]} Foreign:{dataList[3]} Cured: {dataList[4]} Deaths:{dataList[5]}"

                notifyMe(nTitle, nText)

                time.sleep(2)

        time.sleep(3600)

OUTPUTS:





