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Class : BE-IT
Course : Information Storage and Retrieval

Group:C (Assignment-02)
Problem Statement :
    Write a program to find the live weather report (temperature, wind speed,
description, and weather) of a given city.
```

Importing Libraries

In [1]:
```python
from bs4 import BeautifulSoup
import requests
```

Header and Requests to URL

In [2]:
```python
headers = {
    'User-Agent': 'Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (

def weather(city):
    city = city.replace(" ", "+")
    res = requests.get(
        f'https://www.google.com/search?q={city}&oq={city}&aqs=chrome.0.35i39l2j6
    print("Searching...\n")
    soup = BeautifulSoup(res.text, 'html.parser')
    location = soup.select('#wob_loc')[0].getText().strip()
    time = soup.select('#wob_dts')[0].getText().strip()
    info = soup.select('#wob_dc')[0].getText().strip()
    temp = soup.select('#wob_tm')[0].getText().strip()
    precipitation = soup.select('#wob_pp')[0].getText().strip()
    humidity = soup.select('#wob_hm')[0].getText().strip()
    wind_speed = soup.select('#wob_ws')[0].getText().strip()
    print("Location: "+ location)
    print("Time: "+ time)
    print("Description: "+ info)
    print("Temperature: "+ temp+"°C")
    print("Precipitation: "+ precipitation)
    print("Humidity: "+ humidity)
    print("Wind Speed: "+ wind_speed)
```

Report for City

```
In [3]: city = input("Enter the Name of City:  ")
        city = city+" weather"
        weather(city)
```

```
Enter the Name of City:  Brazil
Searching...

Location: São Paulo, State of São Paulo, Brazil
Time: Friday, 1:00 am
Description: Clear with periodic clouds
Temperature: 13°C
Precipitation: 4%
Humidity: 80%
Wind Speed: 8 km/h
```