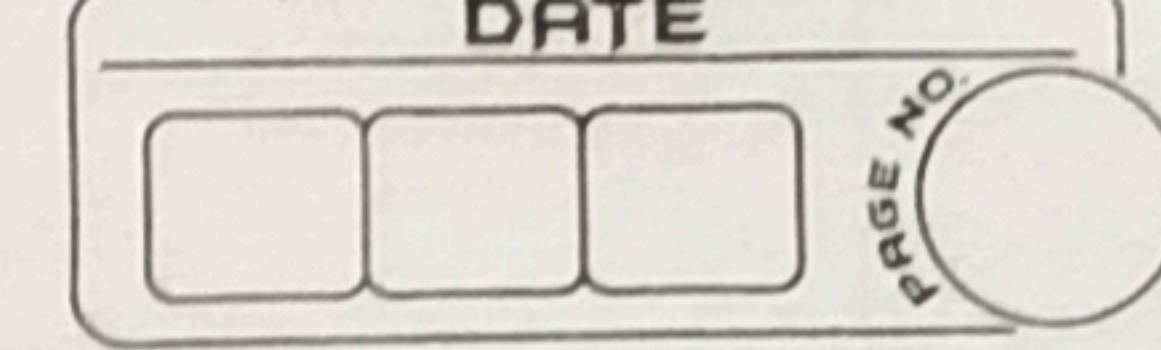


Experiment No. 6 (Group C)



Problem statement :- Write a program to find the live weather report (temperature, wind speed, descriptor and another) of a given city (Python)

Objective :-

1. To Get weather information using Python.
2. To evaluate the performance of the IR system and understand user interface for searching.
3. To understand information sharing on the web.

Outcomes -

At the end of the assignment the students should have -

- ① Understand and implement the program to find the live weather report using python.
- ② Infrastructure - Desktop / laptop system with Linux or its variants.
- ③ Software used - Linux / windows OS / Virtual machine

Theory :-

Integrate information using Python -
Python is a growing language that has become increasingly popular in the programming community increasingly popular in the programming community.

What is OpenWeatherMap?

The OpenWeatherMap (OWM) is a helpful and free way to gather & display weather information. Because it's an open-source project, it's also free to use.

One of major benefits of OWM is that it's ready to go unlike other weather applications. OWM has instead in software or set up to database to this. get it up and running.

It has an API that supports HTML, XML & JSON endpoint. Current weather information, extended forecast, & graphical map can be requested by user.

Conclusion :-

Thus, we have successfully implemented program to find the live weather report (temperature, wind Speed, description of weather) of a given city using Python.