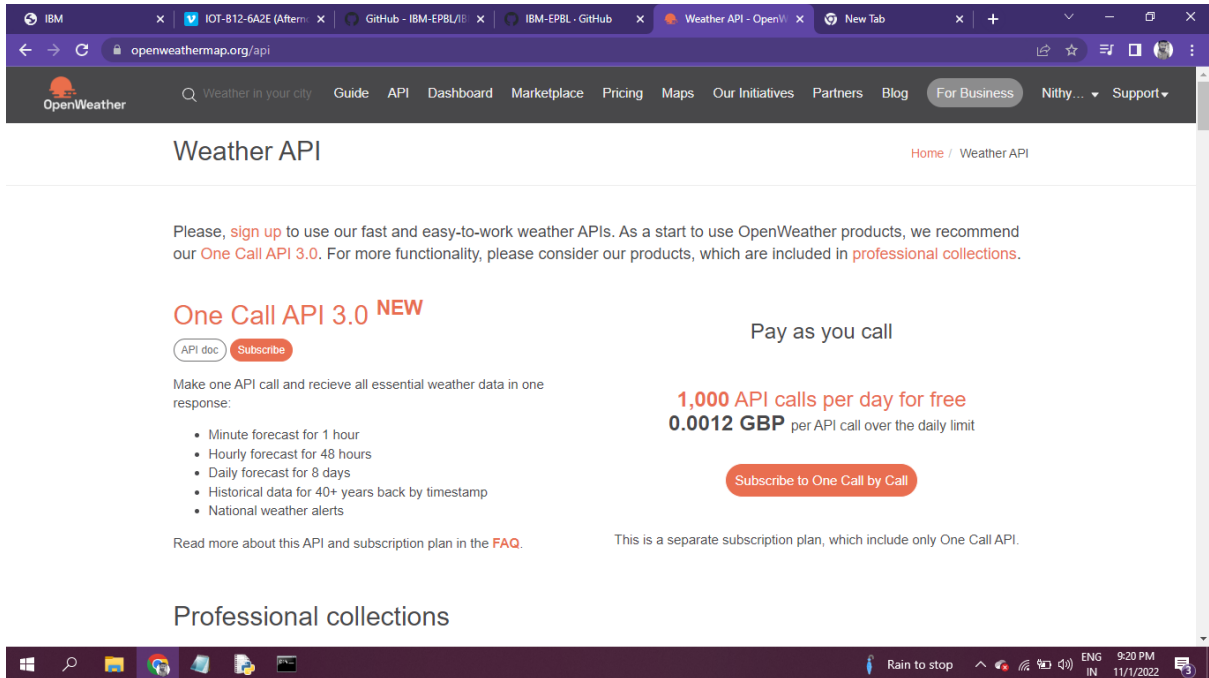


Prerequisites

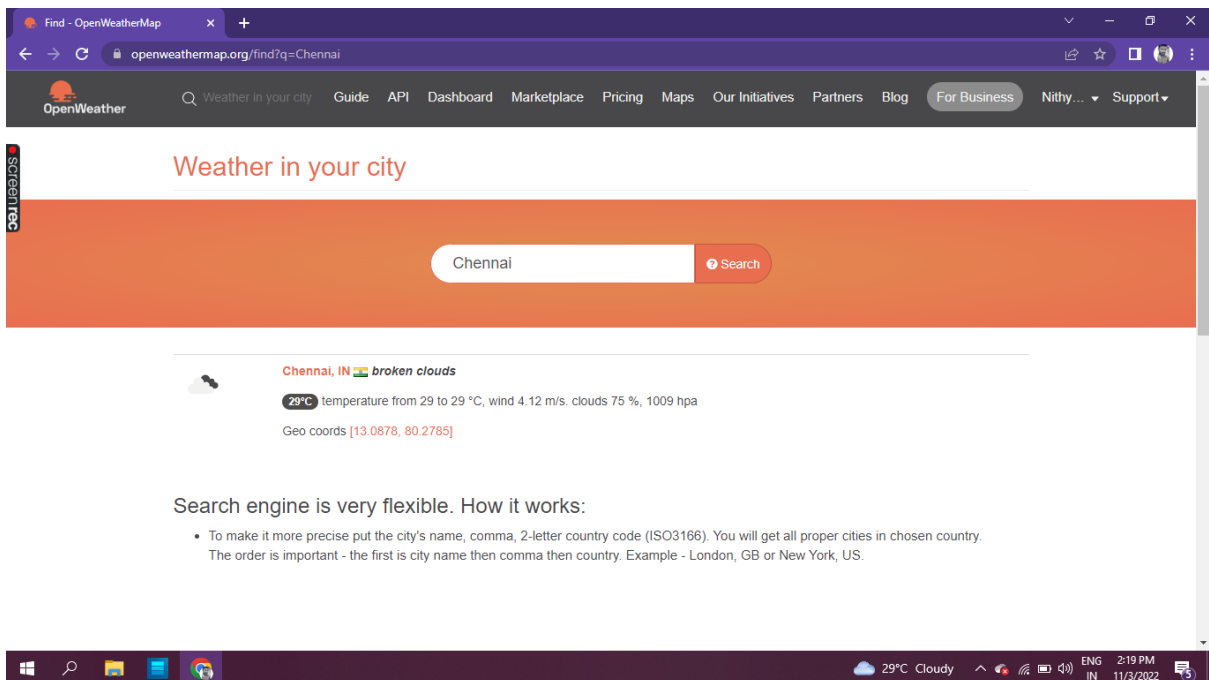
Create an account in Openweathermap Website

Date	07 September 2022
Team ID	PNT2022TMIDI3488
Project Name	Project - Signs with smart connectivity for Better road safety
Maximum Marks	4 Marks

Signs with smart connectivity for Better road safety



The screenshot shows the OpenWeather API page. The browser address bar displays 'openweathermap.org/api'. The page title is 'Weather API'. The main content area includes a 'Please, sign up to use our fast and easy-to-work weather APIs. As a start to use OpenWeather products, we recommend our One Call API 3.0. For more functionality, please consider our products, which are included in professional collections.' Below this, there is a section for 'One Call API 3.0 NEW' with a 'Subscribe' button. A list of features is provided: 'Minute forecast for 1 hour', 'Hourly forecast for 48 hours', 'Daily forecast for 8 days', 'Historical data for 40+ years back by timestamp', and 'National weather alerts'. To the right, a 'Pay as you call' section states '1,000 API calls per day for free' and '0.0012 GBP per API call over the daily limit', with a 'Subscribe to One Call by Call' button. A 'Professional collections' section is also visible at the bottom.



The screenshot shows the 'Weather in your city' page on OpenWeatherMap. The browser address bar displays 'openweathermap.org/find?q=Chennai'. The page title is 'Weather in your city'. A search bar contains the text 'Chennai' and a 'Search' button. Below the search bar, the weather for Chennai, IN is displayed: 'broken clouds', '29°C', 'temperature from 29 to 29 °C, wind 4.12 m/s, clouds 75 %, 1009 hpa', and 'Geo coords [13.0878, 80.2785]'. A 'Search engine is very flexible. How it works:' section follows, explaining that the search engine is flexible and provides precise results based on the city name and country code (ISO3166). The order of the search is important: the first is city name then comma then country. Example - London, GB or New York, US.