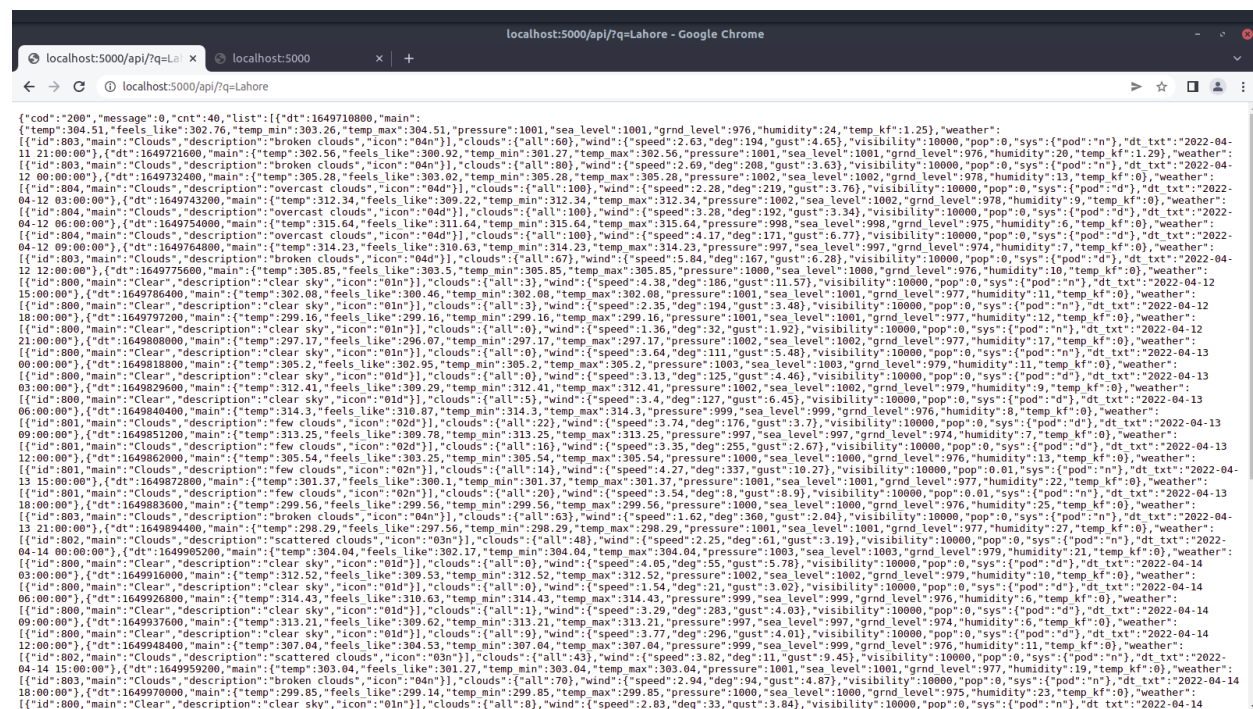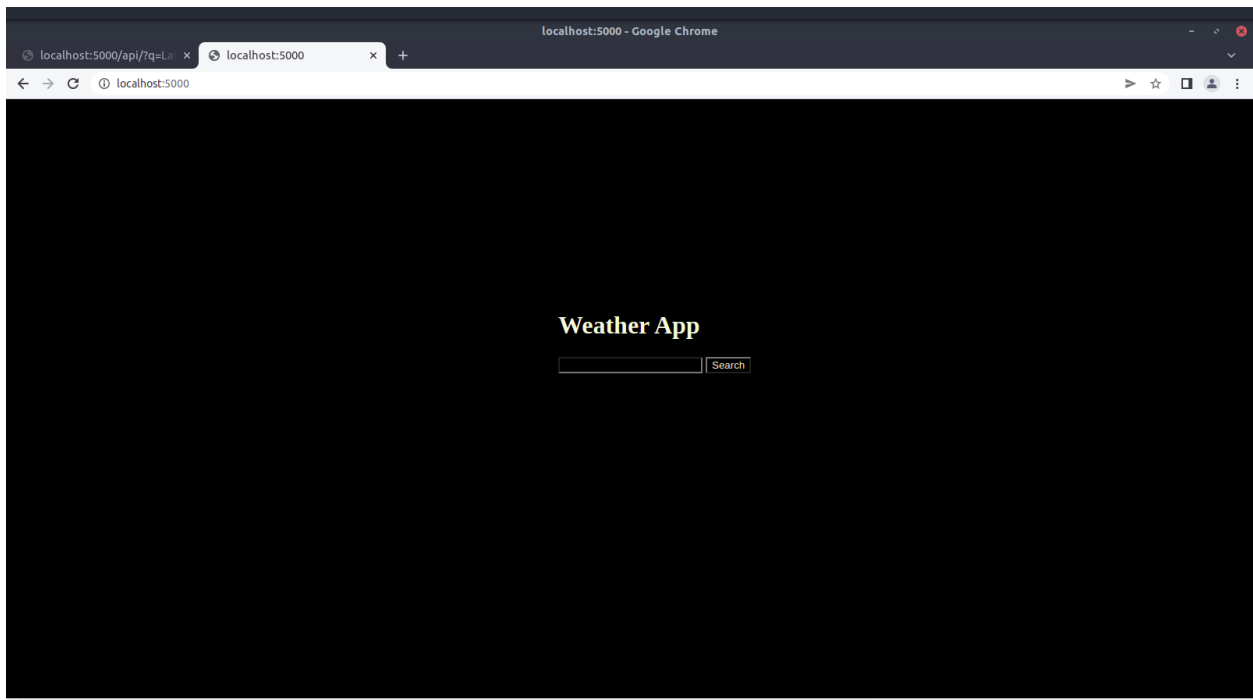# CS3001 Assignment 2 - Proxy Server

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For our Assignment 2, we have made a website that informs users about the weather in a particular city. It uses an API to query the input and return back the weather. Both Proxy and Caching have been implemented in this assignment.

```javascript
const url = require('url')
const express = require('express')
const router = express.Router()
const needle = require('needle')
const apicache = require('apicache')

// Env vars
const API_BASE_URL = process.env.API_BASE_URL
const API_KEY_NAME = process.env.API_KEY_NAME
const API_KEY_VALUE = process.env.API_KEY_VALUE

// Init cache
let cache = apicache.middleware

router.get('/', cache('2 minutes') ,async (req, res) => {
 try {
   const params = new URLSearchParams({
     [API_KEY_NAME]: API_KEY_VALUE,
     ...url.parse(req.url, true).query,
   })

   const apiRes = await needle('get', `${API_BASE_URL}?${params}`)
   const data = apiRes.body

   // Log the request to the public API
   if (process.env.NODE_ENV !== 'production') {

     console.log(`REQUEST: ${API_BASE_URL}?${params}`)

   }



   res.status(200).json(data)
 } catch (error) {
   next(error)
 }
})
```

```
module.exports = router
```