



**TASK**

# Capstone Project

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# Introduction

## WELCOME TO THIS CAPSTONE PROJECT !

So far, you have put in the work to learn about how to handle APIs in Node(Fetch). You have learned what a Promise is, and you have learned how to get data from APIs using the async and await keywords. Now, let's put this all together!



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The best way to get help is to login to Discord at <https://discord.com/invite/hyperdev> where our specialist team is ready to support you.

Our team is happy to offer you support that is tailored to your individual career or education needs. Do not hesitate to ask a question or for additional support!



## THE PROBLEM

Our goal here is to connect you to the world of APIs. After completing this task, you will learn how powerful APIs can be, but you'll also learn how to practically use APIs

## THE TASK AT HAND

You are going to build a project that pulls data from APIs to obtain real-time information. Say you would like to specify details for a specific city for the past 24 hours: this can easily be done using APIs.

You will build a system that takes a city name as input, and returns:

1. Some details about the city
2. Weather details from the past 24 hours

Ready?

## Compulsory Task

Follow these steps:

- Create a module for finding current information on a particular city. Information for the city, including coordinates, can be found using [this API](#).
- **We will make use of (node.js)Fetch**
- You can work under the assumption that the city is always in South Africa.
- The following details are to be shown:
  - Population
  - Elevation
  - Current temperature (using [this weather API](#))
- All potential errors should be appropriately handled.



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