Research on what an API is:

* [What is an Application Programming Interface (API)? | IBM](https://www.ibm.com/topics/api)
  + Definition: a way for developers to integrate code, capabilities, and functions from other applications for their projects so they don’t have to develop them from scratch.
  + Benefits:
    - Improved collaboration: allows multiple applications to effortlessly communicate with each other.
    - Accelerated innovation: allows API owners to make connections with new businesses and build upon their API.
    - System security: Adds security during data exchange
  + Types of APIs:
    - Open API: open source APIs that can be accessed with the HTTP protocol (this is the type of API we will be using for our project)
    - Partner API: connect strategic business partners
    - Internal APIs: APIs hidden from external users (only for the company that owns it)
    - Composite APIs: combine multiple data or service APIs.
* [What is an API (Application Programming Interface) - GeeksforGeeks](https://www.geeksforgeeks.org/what-is-an-api/)
  + How an API works:
    - An API works as a communication medium between two programs
    - A client (the user) sends a request and the server is the backend (which processes the request and generates a response).
      * Client sends a request via the API’s URL
      * The API makes a call to the server after receiving the request
      * The server sends the response to the request back to the API
      * The API transfers the response to the client