Question 1:

Open the Valentine's Book List API documentation (see the resources folder of the previous lecture) and use the /status endpoint to verify that the API is working for you.

Expect to get a status 200 OK with the following response body:

Question 2:

Open a new tab in Postman and create a GET request with this URL:

https://valentines-book-list.glitch.me/books/lists

Submit the request.

Which status code you you get back?

Question 3:

According to the error message you received in the previous step, this endpoint requires an API key.

Study the API documentation and provide the required parameter as indicated.

Use the following value for the API key: 8fhg93xkjd38fhg834jdfgjd

Expect to get a status 400 Bad Request response code.

Which error code can you find in the response body?

Question 4:

Use the endpoint to retrieve the fiction list of books.

Which of the following books does this list contain?

Question 5:

Use the same endpoint to retrieve the non-fiction list of books.

How many books does this list contain?

Question 6:

The books in the list are ordered alphabetically. Use pagination to navigate through the results.

What is the name of the first book that starts with **W**?

Question 8:

Inspect the response headers and identify the header Access-Control-Allow-Methods.

Which other request method (apart from GET) is allowed when calling this endpoint?

Question 9:

Open the Postman console and inspect the request headers that Postman is sending to the API.

With what value does the header User-Agent begin?

Question 10:

How can you change the value of the header User-Agent value to My Postman?

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**Trello**

Question 1:

Open the Trello API introduction and read the part **Managing your API Key**.

Link: https://developer.atlassian.com/cloud/trello/guides/rest-api/api-introduction/

Question 2:

Login to your Trello account (if you are not logged in already). Create your first Trello Power-up by going to this link:

https://trello.com/power-ups/admin

Create an API key and token to access your account.

Important: Don't confuse the "token" with the "secret." We don't need the "secret" at this point.

Question 3:

Open the Trello API introduction and read the part **Your First API Call**.

Link: https://developer.atlassian.com/cloud/trello/guides/rest-api/api-introduction/#your-first-api-call

Question 4:

Create a new request in Postman with the 1/members/{memberId}/boards endpoint and set the correct values for the query parameters key and token.

Expect a status 200 OK. You should see your "Learning Postman" board in the response.

Question 5:

Save the request under the name "Get all boards" under a new Postman collection called "Trello API".

**List**

Question 1:

Open the Trello API introduction and read the part **Create a new List**.

Link: https://developer.atlassian.com/cloud/trello/rest/api-group-lists/#api-lists-post

Question 2:

Create a new Postman request with the **request method** and the **endpoint** required to create a new list.

Make sure to reference the Postman collection variable baseUrl in the URL.

Save this request in the Trello API collection as "Create TODO list".

Question 3:

This endpoint requires **authentication**. Add the query parameters key and token with their respective values. Make sure to reference the values stored in the Postman collection variables.

Question 4:

Use the request "Get single board" or "Get all boards" to identify the board on which you wish to create the list.

You will need to **know the id of the board** you wish to use in the upcoming steps.

Question 5:

Check the API documentation for this endpoint and **add any required parameters** to the request.

Ensure that the name of the list you create is "TODO".

**Hint:**Make sure to use the exact key for the parameters as specified in the API documentation.

Question 6:

Send the request "Create TODO list".

Expect to get back the status 200 OK.

In the response body, you should notice:

- id of the list (the property id)

- the list name (the property name with the value "TODO")

- board id (the property idBoard)

Question 7:

Create a DONE list on the same board. **Duplicate the request** "Create TODO list" and name it in "Create DONE list". Set the name of the list to "DONE".

Send the request and expect to get back the status 200 OK.

In the response body, you should notice:

- id of the list (the property id)

- the list name (the property name with the value "DONE")

- board id (the property idBoard)