

## Lab 5

### Exercise 1:

- **Curl -X GET <https://michaelgathara.com/api>**

```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows [Version 10.0.19045.3086]
(c) Microsoft Corporation. All rights reserved.

C:\Users\dell>curl -X GET https://michaelgathara.com/api
You have some options on endpoints here:
--- GET & POST ---
https://michaelgathara.com/api
(GET: prints out this page
POST: tells you what request you hit)

--- GET ONLY ---
https://michaelgathara.com/api/cool-things
(Returns a JSON string of some programming languages and their descriptions)

https://michaelgathara.com/api/verify-token
(GET: Send an API token of 100 and if you do it right, you get told you did it right)

--- POST ONLY ---
https://michaelgathara.com/api/new-student
(POST: Send your name and blazerid and add yourself to the database)
```

- **Curl -X POST <https://michaelgathara.com/api>**

```
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(Returns a JSON string of some programming languages and their descriptions)

https://michaelgathara.com/api/verify-token
(GET: Send an API token of 100 and if you do it right, you get told you did it right)

--- POST ONLY ---
https://michaelgathara.com/api/new-student
(POST: Send your name and blazerid and add yourself to the database)

C:\Users\dell>curl -X POST https://michaelgathara.com/api
You hit POST request
```

- **Curl -H "x-api-key: 100" <https://michaelgathara.com/api/verify-token>**

```

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C:\Users\dell>curl -X GET https://michaelgathara.com/api
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https://michaelgathara.com/api/cool-things
(Returns a JSON string of some programming languages and their descriptions)

https://michaelgathara.com/api/verify-token
(GET: Send an API token of 100 and if you do it right, you get told you did it right)

--- POST ONLY ---
https://michaelgathara.com/api/new-student
(POST: Send your name and blazerid and add yourself to the database)

C:\Users\dell>curl -X POST https://michaelgathara.com/api
You hit POST request

C:\Users\dell>curl -H "x-api-key: 100" https://michaelgathara.com/api/verify-token
API token is valid

```

- Curl -X POST -H "Content-Type: application/json" -d '{"name": "Durga Srinesh Varanasi Yugandar", "blazerid": "dvaranas"}' https://michaelgathara.com/api/new-student

```

C:\Users\dell>curl -X POST -H "Content-Type: application/json" -d '{"name": "Durga Srinesh Varanasi Yugandar", "blazerid": "dvaranas"}' https://michaelgathara.com/api/new-student
You created a new record: {"name": "Durga Srinesh Varanasi Yugandar", "blazerid": "dvaranas", "id": 24}

```