

## Advance Web App and Dev Lab 05

Submitted by

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Blazer id : srpalle

I Somanath Reddy Palle declare that I have completed this assignment in accordance with the UAB Academic Integrity Code and the UAB CS Honor Code. I have read the UAB Academic Integrity Code and understand that any breach of the Code may result in severe penalties.

Student signature/initials: Somanath Reddy Palle

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## 1)Get

```
(base) somanathreddy@Somanaths-Air Applications % 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)
```

## 2)Post

```
(base) somanathreddy@Somanaths-Air Applications % curl -X POST https://michaelgathara.com/api
You hit POST request
(base) somanathreddy@Somanaths-Air Applications %
```

## 3)TokenVerification

```
((base) somanathreddy@Somanaths-Air Applications % curl -H "x-api-key: 100" https://michaelgathara.com/api/verify-token
API token is valid
(base) somanathreddy@Somanaths-Air Applications %
```

## 4)Invalid Token

```
((base) somanathreddy@Somanaths-Air Applications % curl -H "x-api-key: 36" https://michaelgathara.com/api/verify-token
Invalid API token
(base) somanathreddy@Somanaths-Air Applications %
```

## 5)Problems

```
(base) somanathreddy@Somanaths-Air Applications % curl -X POST -H "Content-Type:application/json" -d '{"name": "Somanath Reddy", "blazerid": "srpalle"}' https://michaelgathara.com/api/new-student
You created a new record: {"name": "Somanath Reddy", "blazerid": "srpalle", "id": 49}
(base) somanathreddy@Somanaths-Air Applications %
```

Result:

```
(myenv) (base) somanathreddy@Somanaths-Air aws % python import_requests.py
Name : Somanath Reddy
Blazer id : Srpalle
Problem 1:  $3 + 5 = 8$ 
Problem 2:  $7 * 6 = 42$ 
Problem 3:  $20 / 5 = 4.0$ 
Problem 4:  $20 / 4 = 5.0$ 
Problem 5:  $15 - 7 = 8$ 
Problem 6:  $9 * 9 = 81$ 
Problem 7:  $27 / 9 = 3.0$ 
Problem 8:  $100 - 56 = 44$ 
Problem 9:  $14 + 26 = 40$ 
Problem 10:  $64 / 8 = 8.0$ 
(myenv) (base) somanathreddy@Somanaths-Air aws %
```