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CSE 383-B
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Lab 12 Submission

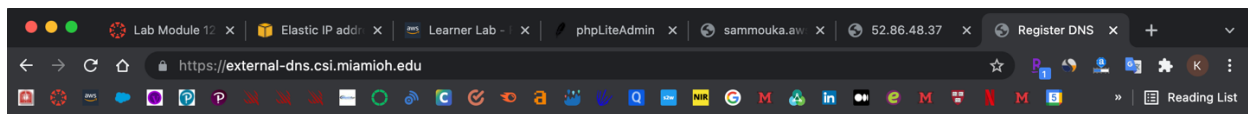
Query Paste as per the Assignment's Instructions:

Query used to create this table

CREATE TABLE "lookup" (location string, sensor string, 'value' NUMERIC, date datetime)

Screenshots:

Updated dynamic dns setup:



zone=string(3) "aws" updating 52.86.48.37 sammouka.aws in zone aws

Register your DNS

User sammouka.

[Logout](#)

DNS record updated

IP address: Zone:

KEY for curl based Dynamic Update -> good for 1 day

Key good for 2021Nov16

Key=e237b2065f917036ffc3e73a947c33c9

url= https://external-dns.csi.miamioh.edu/ddns1.php?hkey=e237b2065f917036ffc3e73a947c33c9&dnsname=sammouka.aws

Curl command would be

```
curl -ik "https://external-dns.csi.miamioh.edu/ddns1.php?hkey=e237b2065f917036ffc3e73a947c33c9&dnsname=sammouka.aws"
```

KEY for curl based Dynamic Update -> good for 180 days

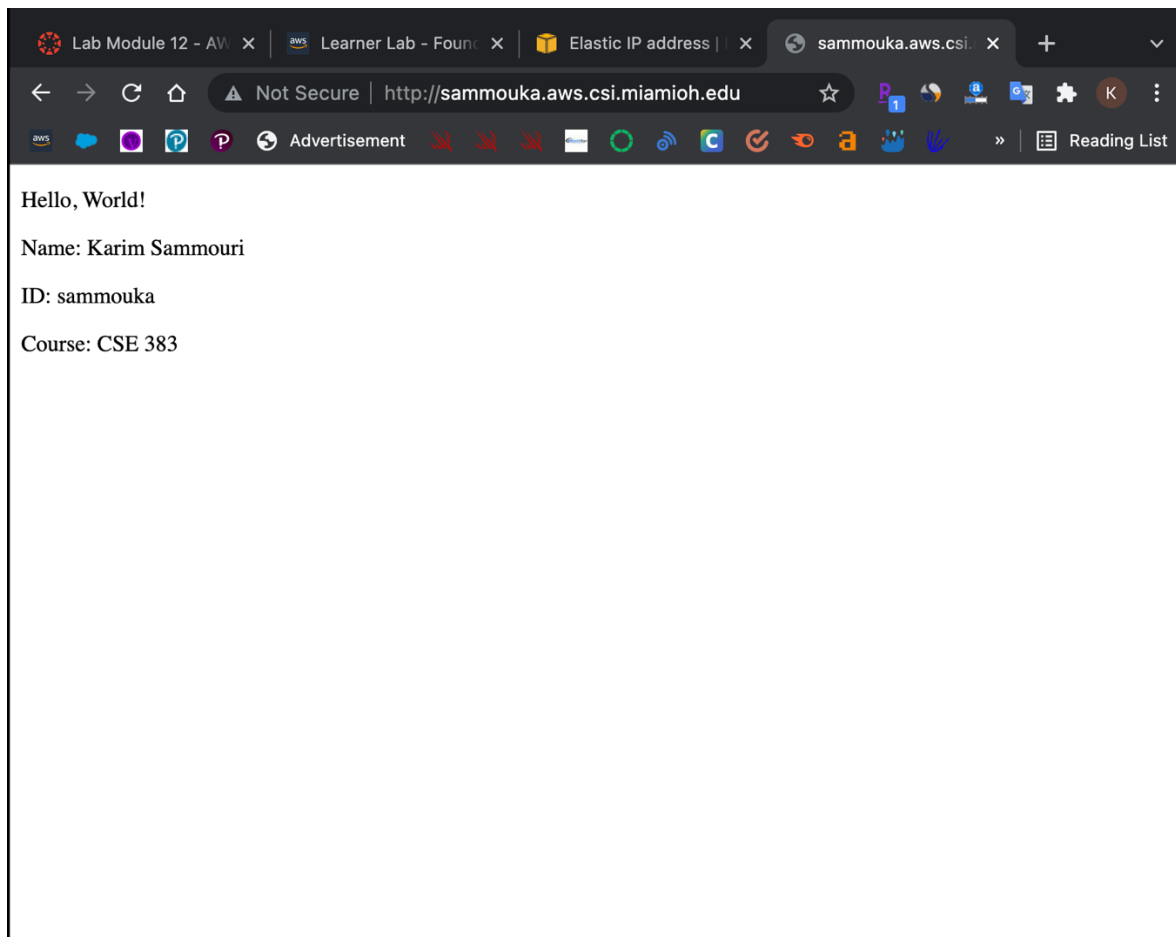
Key=66ae5f4c8e611ce097c814574420e5c7

url= https://external-dns.csi.miamioh.edu/ddns2.php?hkey=66ae5f4c8e611ce097c814574420e5c7&dnsname=sammouka.aws

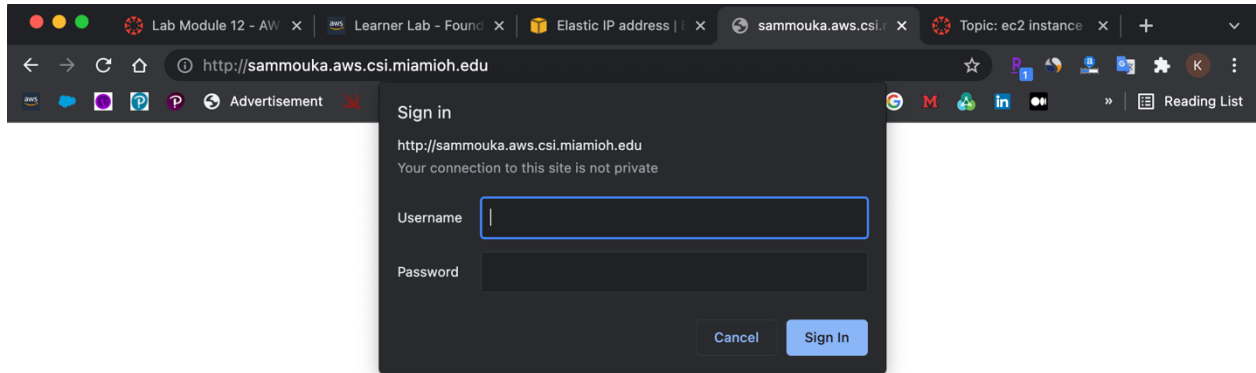
Curl command would be

```
curl -ik "https://external-dns.csi.miamioh.edu/ddns2.php?hkey=66ae5f4c8e611ce097c814574420e5c7&dnsname=sammouka.aws"
```

This registers the IP address of the caller to the ip address to the dns name sammouka.aws.csi.miamioh.edu



Password notice on web site:



Php admin program showing the required query:

The screenshot displays the phpLiteAdmin v1.9.8.2 web interface. The browser address bar shows the URL: `http://sammouka.aws.csi.miamioh.edu/phpliteadmin.php?database=%2Fhome%2Ffe...`. The interface is divided into a left sidebar and a main content area.

Left Sidebar:

- phpLiteAdmin v1.9.8.2** header with links for [Documentation](#), [License](#), and [Project Site](#).
- Change Database** section: Shows the current database as `cse383.db` and a table `lookup`.
- Create New Database** section: Includes a text input field and a `Create` button.
- `Logout` button at the bottom.

Main Content Area:

- Header: `cse383.db → lookup`
- Navigation tabs: `Browse`, `Structure`, `SQL`, `Search`, `Insert`, `Export`, `Import`, `Rename`, `Empty`, `Drop`.
- Table Structure:** A table showing the columns of the 'lookup' table.

Column #	Field	Type	Not NULL	Default Value	Primary Key	
<input type="checkbox"/>	Edit Delete	0 location	string	No	None	No
<input type="checkbox"/>	Edit Delete	1 sensor	string	No	None	No
<input type="checkbox"/>	Edit Delete	2 value	NUMERIC	No	None	No
<input type="checkbox"/>	Edit Delete	3 date	datetime	No	None	No

Actions:

- `Check All / Uncheck All` with a `With Selected:` dropdown (set to `Delete`) and a `Go` button.
- `Add 1 field(s) at end of table` with a `Go` button.

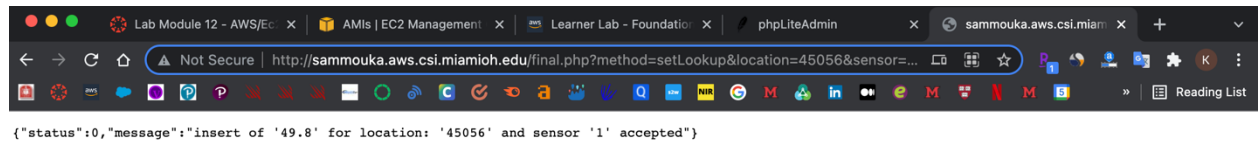
Query used to create this table:

```
CREATE TABLE "lookup" (location string, sensor string,'value' NUMERIC, date datetime)
```

Footer:

- `Create an index on 1 Columns` with a `Go` button.
- `Create a new trigger` with a `Go` button.
- Powered by [phpLiteAdmin](#) | This is free software. [Please donate.](#) | Page generated in 0.0012 seconds.

Json output from rest server:



Aws dashboard showing backup made:

The screenshot displays the AWS Management Console interface. The top navigation bar shows the user is logged in as 'voclabs/user1664956=Karim_Sammouri' in the 'us-east-1' region. The left sidebar contains navigation links for EC2 Dashboard, EC2 Global View, Events, Tags, Limits, Instances, Images, and Elastic Block Store.

The main content area shows the 'Instances (1)' page. A green notification banner at the top states: 'Successfully created ami-0d7519122aee277b from instance i-069f5a104f7856db2.' Below this, the 'Instances' table lists one instance:

Name	Instance ID	Instance state	Instance type	Status check	Alarm status
-	i-069f5a104f7856db2	Running	t2.micro	2/2 checks passed	No alarms

Below the table, a modal window titled 'Select an instance' is displayed.

The bottom section of the screenshot shows the 'AMIs | EC2 Management' page. The 'Launch' button is highlighted. The 'Owned by me' filter is applied, showing a table of AMIs:

Name	AMI Name	AMI ID	Source	Owner	Visibility	Status	Creation
Backup (Karim...)	ami-0d7519122aee277b	145955119698/...	145955119698	Private	pending	November	

Below the table, the details for the selected AMI 'ami-0d7519122aee277b' are shown:

Image: ami-0d7519122aee277b

Details | Permissions | Tags

AMI ID: ami-0d7519122aee277b
Owner: 145955119698
AMI Name: Backup (Karim 11-16-2021)
Source: 145955119698/Backup (Karim 11-16-2021)