Karim Sammouri
Dr. Kurt Johnson
CSE 383-B
Nov 16, 2021
Lab 12 Submission
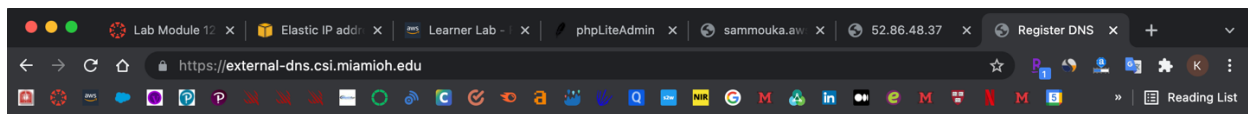
Query Paste as per the Assignment's Instructions:

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: `52.86.48.37` Zone: `aws` `Submit`

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"`

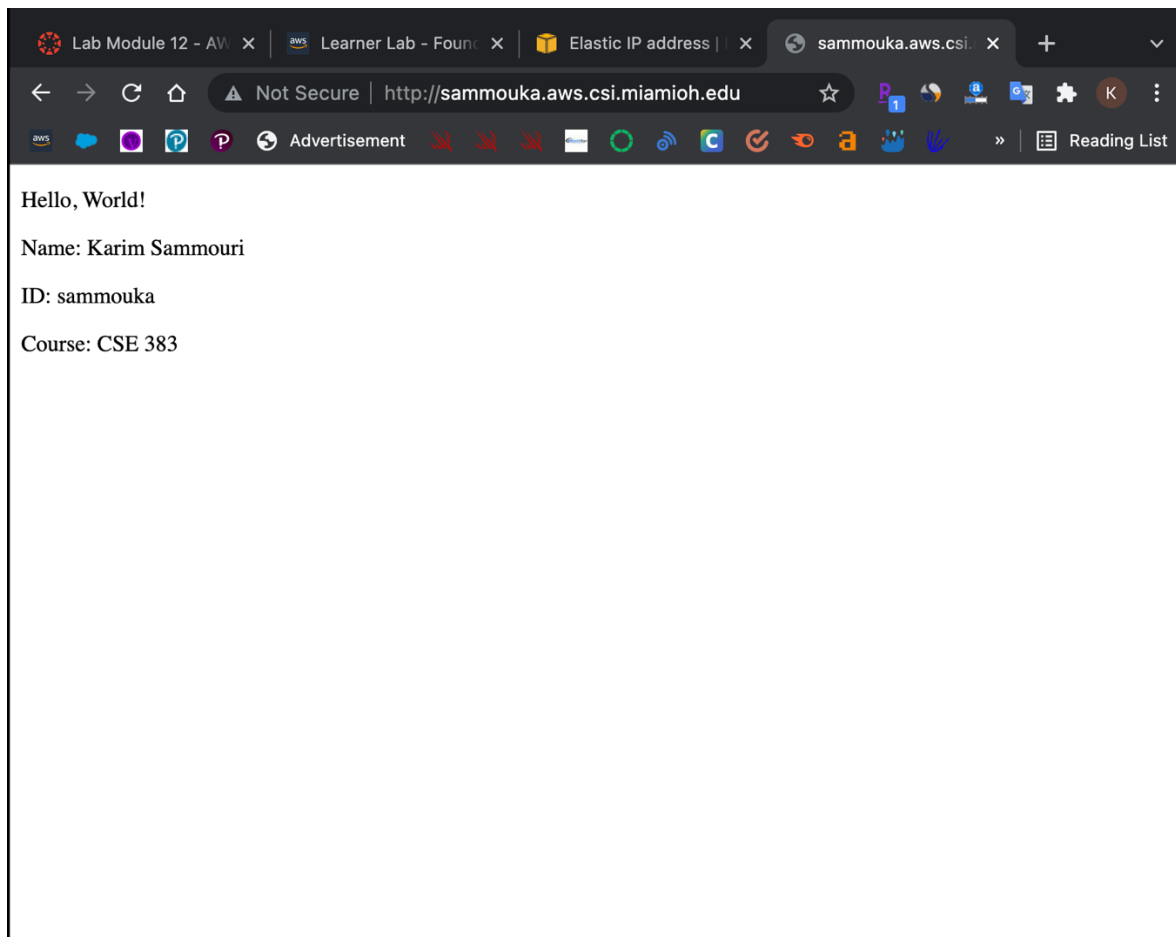## KEY for curl based Dynamic Update -> good for 180 days

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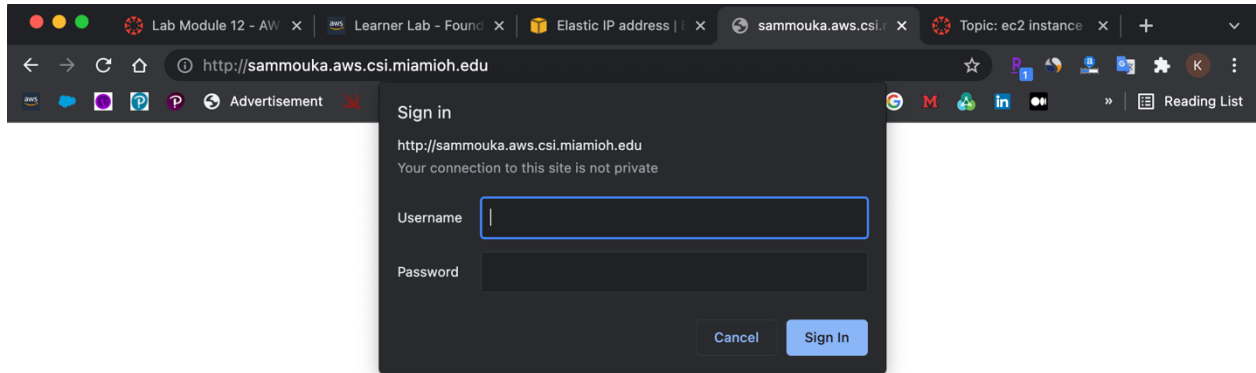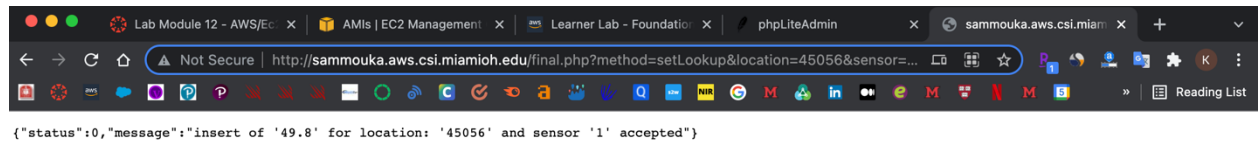Curl command would be

`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

Hello, World!

Name: Karim Sammouri

ID: sammouka

Course: CSE 383

Password notice on web site:

Php admin program showing the required query:

Json output from rest server:

{"status":0,"message":"insert of '49.8' for location: '45056' and sensor '1' accepted"}

Aws dashboard showing backup made: