CS443/683 Homework 3

In this homework you will learn how to use purpose-built databases, APIs, Lambdas and Analytics. You are asked to finish the LAB1 and LAB2 of the workshop, LAB3 is optional and has 2 points addition to your general grade. Lab environment is provided for you by your instructor and you will write a report what did you do and learned from this homework.

First you need to create your own AWS Homework account;

https://catalog.us-east-1.prod.workshops.aws/join?access-code=497c-0b9ae0-89

When you click the link above, you will a screen and;

1. Then click the **Email One-Time Password (OTP)** button.
2. Enter your own email account and click the Send passcode button.
3. In the email inbox, check the subject **Your one-time passcode** email and copy the passcode. Paste the copied passcode, then press the **Sign in** button.
4. Then I agree with the Terms and Conditions and click the Join Event button at the bottom.

Then you will have a page shows workshop which is your homework and there is a button at the left bottom corner, Open AWS Console. When you click that button AWS Console page will be open in the new tab.

You will be responsible for Lab1- Data Migration using AWS DMS, Lab2 – Data processiong using DynamoDB and Aurora part for this homework.

Lab 3 – Query multiple data sources using Athena federated query is optional (bonus points for general grading).

First you need to finish LAB 1 and LAB 2 to continue to LAB3. As your instructor I totally suggest you to try yourself in 3 days to continue as much as you can.

This total process would take 3-6 hours maximum, please be aware of your time since these AWS accounts will be available for 72 hours after your homework posted on Moodle. (5th April Friday 14:00 – 8th April Monday 14:00). You cannot reach your cloud accounts after Monday 14:00. You can upload your report until Tuesday (9th of April) end of the day. So, you can start your aid holiday after you submit your homework ☺