

# CS443/683 Homework 1

In this homework you will learn how to create EC2 machine, how to connect to EC2 machine and how to set Auto Scaling Groups and Security Groups to that machine. You are asked to finish the first part of the workshop that is provided for you by your instructor and you will write a report with the learning from the homework.

First you need to create your own AWS Homework account;

<https://catalog.us-east-1.prod.workshops.aws/join?access-code=c9a7-0bb59b-1b>

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 an 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 Basic ModulesCompute – EC2 part which titles are below for this homework.

First you need to finish EC2 Linux Hands on Lab OR EC2 Windows Hands on Lab. As your instructor I totally encourage you to do Linux Part, this part will make your hands warm for AWS Console and EC2 usage. The main part is the second part.

Then you will do the Auto Scaling on AWS part. You are asked to create an 1-3 pager report, what you did and learned from the homework with screenshots of your own work. This total process would take 3 hours maximum, please be aware of your time since these AWS accounts will be available for 72 hours after your homework posted on moodle. (9<sup>th</sup> Feb Friday 14:00 – 12<sup>th</sup> Feb Monday 14:00). You cannot reach your cloud accounts after Monday 14:00. You can upload your report until Tuesday (13<sup>th</sup> of Feb) end of the day.

If you finish your homework early, you can try yourself with continuing on next steps but you are not responsible for now (spoiler alert).