

STUDENT VERSION (Week-25)



CLARUSWAY
WAY TO REINVENT YOURSELF

Meeting Agenda

- ▶ Icebreaking
- ▶ Questions
- ▶ Interview/Certification Questions
- ▶ Coding Challenge
- ▶ Video of the week
- ▶ Retro meeting
- ▶ Case study / project

Teamwork Schedule

Ice-breaking

10m

- Personal Questions (Stay at home & Corona, Study Environment, Kids etc.)
- Any challenges (Classes, Coding, AWS, studying, etc.)
- Ask how they're studying, give personal advice.
- Remind that practice makes perfect.

Team work

10m

- Ask what exactly each student does for the team, if they know each other, if they care for each other, if they follow and talk with each other etc.

Ask Questions

20m

1. What command should you run to see all running container in Docker?

- A. docker run
- B. docker ps
- C. docker --help
- D. docker build
- E. docker pull

2. Which of the following is not a state of Docker container?

- A. Running
- B. Freezed
- C. Paused
- D. Restarting
- E. Exited

3. Imagine that you just joined a development team that uses Git for version control and collaboration. To start contributing to the project, what Git operation would you most likely invoke first?

- A. checkout
- B. clone
- C. export
- D. revert
- E. update

4. Which of the following services are not supported by AWS Lambda?

- A. EC2
- B. S3
- C. Alexa
- D. Cloudfront
- E. RedShift

5. Of the following, which are handled by Lambda by default? (choose 2)?

- A. Automatic scaling
- B. Security patches
- C. Triggers that activate the function
- D. The lambda functions code

Interview/Certification Questions**20m****1. What is difference between virtualization and containerization?****2. What are Docker Images?****3. Explain Docker Architecture?****4. You are requested to expose your serverless application implemented with AWS Lambda to HTTP clients.(using HTTP Proxy)****Which of the following AWS services can you use to accomplish the task? (Select TWO)**

- A. AWS Elastic Load Balancing (ELB)
- B. AWS Route53
- C. AWS API Gateway
- D. AWS Lightsail
- E. AWS Elastic Beanstalk

5. A company wants to build a brand new application on the AWS Cloud. They want to ensure that this application follows the Microservices architecture. Which of the following services can be used to build this type of architecture? (SELECT THREE)

- A.** AWS Lambda
- B.** AWS ECS
- C.** AWS API Gateway
- D.** AWS Config

Video of the Week

10m

- [DevOps Pipeline](#)

Retro Meeting on a personal and team level

10m

Ask the questions below:

- What went well?
- What could be improved?
- What will we commit to do better in the next week?

Problem of the week

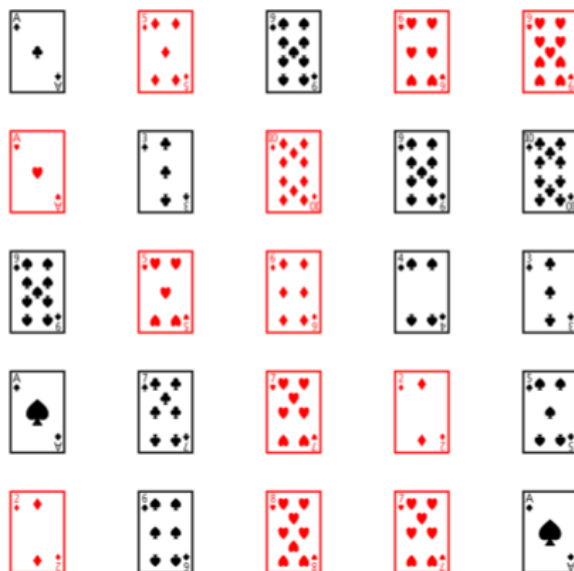
5m

- Students should work in small teams to complete the problem of the week.

"Now casinos have house rules. They don't like to lose. So you never show that you're counting cards. That is the cardinal sin, Ray."

- Rain Man

The below represents a perfectly interlocking grid of ten words and ten five-card poker hands (diagonals do not count).



Answer: _____

Presentation of Coding Challenge & POW

20m

We assume that each group has two sub teams. If this is possible one of the sub teams will present the coding challenge of last week. The other sub team will present the solution to the previous problem of the week. If there is only one sub team then, the sub team will present both of the solutions.

Coding Challenge

5m

- Coding Challenge: Calculate Stock Profit

Presentation of Case Study of Previous Sprint

20m

We assume that each group has two sub teams. Each week, one of the sub-teams will present their solution.

Case study/Project

10m

Case study should be explained to the students during the weekly meeting and has to be completed in one week by the students. Students should work in small teams to complete the case study.

- [Project-006 : Kittens Carousel Static Website deployed on AWS Cloudfront, S3 and Route 53 using Cloudformation](#)

Closing

5m

-Next week's plan

-QA Session
