

# STUDENT VERSION (Week-1)



CLARUSWAY  
WAY TO REINVENT YOURSELF

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## Meeting Agenda

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

# Teamwork Schedule

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## 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.

## Ask Questions

20m

### 1. Python uses .....

- A. Compiler
- B. VS CODE
- C. Interpreter
- D. Linux

### 2. What will be the output?

```
x=2
y=10
x*=y*x+1
print(x)
```

- A. 41
- B. 42
- C. 401
- D. 60

### 3. What are the generators in python?

### 4. What are docstrings in Python?

**5. What can developers now do with AWS CloudFormation that they could not before?**

**6. What happens when one of the resources in a stack cannot be created successfully?**

**7. How much does AWS CloudFormation cost?**

**8. Will you be charged for resources that were rolled back during a failed stack creation attempt?**

### **Interview/Certification Questions**

**20m**

**1. Name some of the key features of Python?**

**2. What is Cloud Computing?**

**3. I have some private servers on my premises, also I have distributed some of my workload on the public cloud, what is this architecture called?**

- A.** Virtual Private Network
- B.** Private Cloud
- C.** irtual Private Cloud
- D.** Hybrid Cloud

**4. You are planning to serve a web application on the AWS Platform by using EC2 Instances. Which of the below principles would you adopt to ensure that even if some of the EC2 Instances crashes , you still have a working application.**

- A.** Using a scalable system
- B.** Using an elastic system
- C.** Using a regional system
- D.** Using a fault tolerant system

**5. A cloud solutions architect needs to execute urgent mission-critical tasks on the AWS Management console, but has left their Windows-based machine at home. What secure option can be used to administer these tasks on the cloud infrastructure given that only non-graphical user interface (non-GUI), Linux-based machines are readily available?**

- A.** Share the AWS Management console credentials with the person at home over the phone, so they can execute on the cloud solutions architect behalf
- B.** Use third-party remote desktop software to access the Windows-based machine at home from the non-GUI workstations and administer the necessary tasks
- C.** Use Secure Shell (SSH) to securely connect to the Windows-based machine from one of the non-GUI Linux-based machines then log onto the AWS Management console
- D.** Install and run AWS CLI on one of the non-GUI Linux-based machines, in a shell environment such as bash, the cloud solutions architect can access ALL services just as they could from a Windows-based machine.

### Coding Challenge

10m

There is no CC question for this week.

### Video of the Week

15m

- [Static vs Dynamic Websites - What's the Difference?](#)

### 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?

## Case study/Project

15m

**Case study should be explained to the students during the weekly meeting and has to be completed in one sprint (2 weeks) by the students. Students should work in small teams to complete the case study.**

- [Project-101 : Kittens Carousel Static Website deployed on AWS EC2 using Cloudformation](#)

## Closing

5m

-Next week's plan

-QA Session

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