

# STUDENT VERSION (Week-2)

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CLARUSWAY  
WAY TO REINVENT YOURSELF

## Meeting Agenda

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

# Teamwork Schedule

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## Ice-breaking

10m

- Personal Questions (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

15m

**1. In On-Demand instance model, each virtual machine has an ..... price.**

- A. Yearly
- B. Weekly
- C. Hourly
- D. Monthly

**2. Encapsulation is the process of taking data from one protocol and translating it into another protocol, so the data can continue across a network.**

- A. True
- B. False

**3. Which command is used for modifying a user's properties?**

- A. who am i
- B. sudo su
- C. usermod
- D. groupadd

**4. The network address of 172.16.0.0/19 provides how many subnets and hosts?**

- A. 7 subnets, 30 hosts each
- B. 8 subnets, 8.190 hosts each
- C. 8 subnets, 2.046 hosts each
- D. 7 subnets, 2.046 hosts each

**5. What is the default subnet mask for a Class B address?**

- A. 255.0.0.0
- B. 255.255.0.0
- C. 255.255.255.0
- D. 255.255.255.255

**6. Which two statements are correct about IPv4 and IPv6 addresses? (Choose two.)**

- A. IPv6 addresses are represented by hexadecimal numbers.
- B. IPv4 addresses are represented by hexadecimal numbers.
- C. IPv6 addresses are 32 bits in length.
- D. IPv4 addresses are 32 bits in length.
- E. IPv4 addresses are 128 bits in length.
- F. IPv6 addresses are 64 bits in length.

**7. Which IPv4 address format looks like 201.192.1.14 and was created for ease of use by people?**

- A. Binary
- B. Dotted-decimal
- C. Hexadecimal
- D. ASCII

**8. How many bits are in an IPv4 address?**

- A. 32
- B. 64
- C. 128
- D. 256

**9. How do you see hidden files in your home directory?**

- A. ls -h
- B. ls -a
- C. ls -hn
- D. ls -hr
- E. ls -l

10. How do you find out information about your identity, including the names of the groups you are in??
- A. Echo \$UID
  - B. Id
  - C. cat/etc/passwd
  - D. cat/etc/groups
  - E. None of the above

Video of the Week

10m

- [AWS Cloud Computing Basics](#)

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?

Coding Challenge

5m

- [Coding Challenge: Convert Milliseconds into Hours, Minutes, and Seconds](#)

Case study/Project

10m

Closing

5m

- Next week’s plan
  - QA Session
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