

STUDENT VERSION (WK-1)



CLARUSWAY
WAY TO REINVENT YOURSELF

Meeting Agenda

- ▶ Icebreaking
- ▶ Questions
- ▶ Interview Questions
- ▶ Coffee Break
- ▶ 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, studying, etc.)
- Ask how they're studying, give personal advice.
- Remind that practice makes perfect.

Ask Questions

15m

1. Python was created by?

- A. Steve Jobs
- B. Gecko
- C. Guido van Rossum
- D. James Gosling

2. What do we mean by COMPUTATIONAL THINKING?

- A. Breaking a task into smaller tasks.
- B. Understanding a complex problem and developing possible solutions.
- C. Focusing on what is important, ignoring what is unnecessary.
- D. Selecting a computer to use.

3. Breaking a complex problem down into smaller problems and solving each one individually.

- A. Programming
- B. Decomposition
- C. Abstraction
- D. Algorithmic Thinking

4. What is the linux mascot?

- A. Hat
- B. Gecko
- C. Elephant
- D. Penguin

5. The Linux Kernel was written by?

- A. Brian Kernighan
- B. Dennis Ritchie
- C. Richard Stallman
- D. Linus Torvalds

6. What will show you all the subdirectories of the current directory?

- A. rm
- B. ls
- C. cd
- D. cp

7. What does the pwd command do?

- A. It saves the current working directory, so that you can return there with the popd command.
- B. It asks the password of the current user, and the prompts for a new password.
- C. It prints the path of the current working directory
- D. It launches the power management daemon.

8. Why do we need to think computationally?

- A. To help us to think like a computer
- B. To help us program
- C. To help us solve complex problems more easily
- D. None of these

9. What is an Algorithm?

- A. Some instructions
- B. Something a computer does to think
- C. A series of steps and instructions with given outputs to produce an input
- D. A series of steps and instructions with given inputs to produce an output

10. Which of the following command helps to create directory called test?

- A. mkdir test
- B. md test
- C. dir test
- D. None of the above

Interview Questions

15m

1. What is Python?
 2. What is PEP 8 and why is it important?
 3. What is Linux?
 4. What does computational thinking stand for?
 5. Why is computational thinking important?
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Coffee Break

10m

Coding Challenge

15m

Linux-CC-003 : Command Line Basics

Purpose of the this coding challenge is to learn, and use of Command Line Basics



Learning Outcomes

At the end of the this coding challenge, students will be able to;

- Analyze a problem, identify and apply programming knowledge for appropriate solution.
- Demonstrate their knowledge of algorithmic design principles by using Linux basics command effectively.

Problem Statement

- Do the requested items in the order specified in the link.

-  --> [Linux CC-03-Command Line Basics](#)
- After finishing, you can submit the code to lms  --> [CC-03-Command Line Basics](#)

 Happy Coding 

Video of the Week

10m

- [Coding is Not Difficult](#)
-

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?
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Closing

5m

-Next week's plan

-QA Session
