

STUDENT VERSION (TW-2)



CLARUSWAY
WAY TO REINVENT YOURSELF

Meeting Agenda

- ▶ Icebreaking
- ▶ Questions
- ▶ Interview Questions
- ▶ Coffee Break
- ▶ Logical Reasoning Questions
- ▶ Video of the week
- ▶ Retro meeting
- ▶ Case study / project

Teamwork Schedule

Ice-breaking

10m

- Personal Questions (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. 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

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

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

3. 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

4. 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

5. What is the result of the following operation?

```
print(1 + 4*3)
```

A. 15

B. 13

C. 12

D. 10

6. Which python code gives the output "I love Python" ?

A. input("I love Python")

B. output("I love Python")

C. read("I love Python")

D. print("I love Python")

7. Guess the output of this code:

```
print( (3**2)//2 )
```

A. 0

B. 2

C. 4

D. 3

8. What symbol(s) do you use to assess equality between two elements?

A. &&

B. ==

C. =

D. ||

9. What value would be returned by this check for equality?

```
5!=6
```

-
- A. Yes
 - B. False
 - C. True
 - D. None

10. Select all options that print?

```
hello-how-are-you
```

- A. `print('hello', '-how', 'are', '-you')`
- B. `print('hello', 'how', 'are-', 'you' + '-' * 4)`
- C. `print('hello-' + 'how-are-you')`
- D. `print('hello' + '-' + 'how' + '-' + 'are' + 'you')`

Interview Questions**15m**

1. What does computational thinking stand for and why it is important?
2. What are the key features of Python?
3. What are the four stages of computational thinking?

**Coffee Break****10m**

Logical Reasoning Questions**15m**

1. Five children are sitting in a row. S is sitting next to P but T is not. K is sitting next to R who is sitting on the extreme left and T is not sitting next to K. Who are sitting adjacent to S?

- A. K & P**
- B. R & P**
- C. Only P**
- D. P and T**

2. In a family, there are husband-wife, two sons and two daughters. All the ladies were invited to a dinner. Both sons went out to play. Husband did not return from office. Who was at home?

- A. Only wife was at home**
 - B. Nobody was at home**
 - C. Only sons were at home**
 - D. All ladies were at home**
-

Video of the Week

10m

- [Computational Thinking: What Is It? How Is It Used?](#)
-

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
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