# STUDENT VERSION (TW-2)

TEAMWORK

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 (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. 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?

```python
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:

```python
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?

```python
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')

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**Interview Questions**                                                                    **15m**

**1. What does computational thinking stand for and why it is important?**

**2. What are the key features of Python?**

**3. How memory is managed in Python?**

**4. What are the four stages of computational thinking?**

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

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## Logical Reasoning Questions                                          15m

**1. Five children are sitting in a row. S is sitting next to P but not T. 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. 16 22 34 58 106 ...**

**A.** 212
**B.** 156
**C.** 200
**D.** 202

**3. 259 131 67 35 19 ...**

**A.** 13
**B.** 11
**C.** 9
**D.** 7

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## Video of the Week                                                     10m

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

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## 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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