

# STUDENT VERSION (TW-2)

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CLARUSWAY  
WAY TO REINVENT YOURSELF

## Meeting Agenda

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- ▶ Icebreaking
- ▶ Questions
- ▶ Interview Questions
- ▶ Coffee Break
- ▶ Video of the week
- ▶ Retro meeting

# Teamwork Schedule

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## Ice-breaking

10m

- Introduction.
- 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. Python was created by .....?

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

### 2. According to the PEP 8 coding style guidelines, how should constant values be named in Python?

- A. in camel case without using underscores to separate words -- e.g. max\_value = 255
- B. in lowercase with underscores to separate words -- e.g. max\_value = 255
- C. in all caps with underscores separating words -- e.g. MAX\_VALUE = 255
- D. in mixed case without using underscores to separate words -- e.g. MaxValue = 255

### 3. Is Python case sensitive when dealing with variables?

- A. Yes
- B. Machine dependent
- C. No
- D. None of the mentioned

**4. Which of the following is true for variable names in Python?**

- A. All names must have leading and trailing underscores
- B. Unlimited length
- C. Underscore and ampersand are the only two special characters allowed
- D. None of the mentioned

**5. Which of the following is an invalid statement?**

- A. `abc = 1000000`
- B. `a b c = 1000 2000 3000`
- C. `a,b,c = 1000, 2000, 3000`
- D. `a_b_c = 1000000`

**6. What is the linux mascot?**

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

**7. 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

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

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

**9. 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

**10. What is the result of the following operation?**

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

- A. 15
- B. 13
- C. 12
- D. 10

**11. 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")

**12. Guess the output of this code:**

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

- A. 0
- B. 2
- C. 4
- D. 3

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

- A. &&
- B. ==
- C. =
- D. ||

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

```
5!=6
```

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

**15. 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')`

**16. How do you insert COMMENTS in Python code?**

- A. `#This is a comment`
- B. `//This is a comment`
- C. `/This is a comment/`
- D. `--This is a comment--`

**17. The Linux Kernel was written by?**

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

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## Interview Questions

**15m**

1. What does computational thinking stand for and why it is important?
2. What are the four stages of computational thinking?
3. What is Python?
4. What is PEP 8 and why is it important?
5. Is indentation required in python?

## Video of the Week

**10m**

- [Coding is Not Difficult](#)

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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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