

# STUDENT VERSION (Prep-01)

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CLARUSWAY  
WAY TO REINVENT YOURSELF

## Meeting Agenda

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

# Teamwork Schedule

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## 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. How can you check your current git version?**

- A. git --v
- B. git --version
- C. git --option
- D. git --current

**6. Which of the following command line environment is used for interacting with Git?**

- A. Git Bash
- B. Git Hub
- C. Git Boot
- D. Git Lab

**7. Which of these terms best describes Git?**

- A. Issue Tracking System
- B. Integrated Development Environment
- C. Distributed Version Control System
- D. Web-Based Repository Hosting Service

**8. Which symbol is used to represent a decision in a systems flowchart?**

- A. Rectangle
- B. Diamond
- C. Parallelogram
- D. Square

**9. What is the correct order of occurrence in a system flowchart?**

- A. input, output, process, feedback
- B. feedback, input, output, process
- C. input, process, output, feedback
- D. input, output, process

**10. What does the Start/End symbol do?**

- A. Ends the program Only
- B. Can be used to show the beginning or ending of a program.
- C. Visual representation of the entire program
- D. Starts the program Only

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## Interview Questions

15m

1. What does computational thinking stand for?
2. Why is computational thinking important?
3. What is Git?
4. What is the difference between Git and Github?
5. What Does HTML Stand For?



## Coffee Break

10m



## Video of the Week

10m

- [Coding is Not Difficult](#)

## Coding Challenge

15m

Place the instructions below in the flow chart. *Some of the instructions are not required - you should only include those which are relevant to the task.*

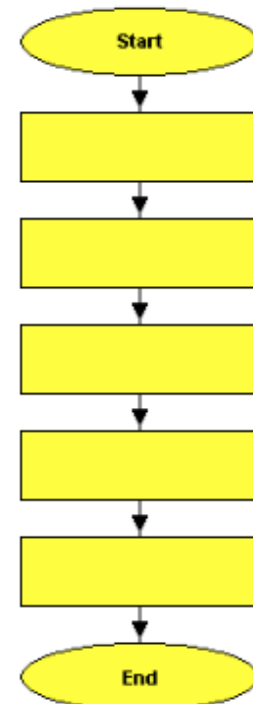
**Q1. Steps for working out 4.72 divided by 1.18 on a calculator.****Question 1**

The flow chart on the right is meant to show the steps for working out 4.72 divided by 1.18 on a calculator.

Place the instructions below in the flow chart.

Some of the instructions are not required - you should only include those which are relevant to the task.

Read the answer	Enter 4.72 on the calculator
Enter 1.18 on the calculator	Press the C (cancel) key
Press the ÷ (divide) key	Press the × (multiply) key
Enter 4.00 on the calculator	Press the = (equals) key

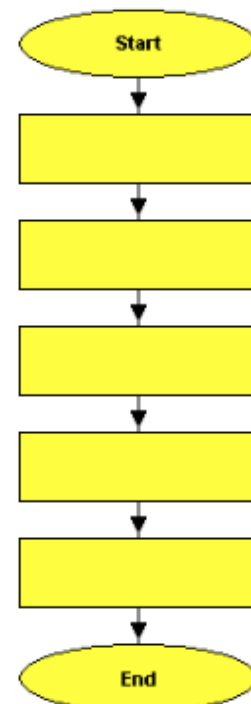
**Q2. Steps for stopping working on a computer and shutting it down..****Question 2**

The flow chart on the right is meant to show the steps for stopping working on a computer and shutting it down.

Place the instructions below in the flow chart.

Some of the instructions are not required - you should only include those which are relevant to the task.

Quit the program	Check your electronic mail
Switch off the machine	Turn on the computer
Finish working on your document	Select 'shut down'
Start a new document	Save your work on a disk



**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?

**Case study/Project****15m**

## HTML - 01

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Make a new index.html file that looks like the one below.

**This is heading 1**

**This is heading 2**

**This is heading 3**

**This is heading 4**

**This is heading 5**

**This is heading 6**

'p' tags are used to create paragraphs. They're great for writing out your amazing thoughts and ideas.

How does the 'p' tag mark up the text differently than a header tag?

What does the 'hr' tag do? What happens when you delete it?

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**Closing****5m**

-Next week's plan

-QA Session

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