TW-07 GROUP VERSION

TEAMWORK

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

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

2. 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

3. 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

4. Look at this series: 2, 1, (1/2), (1/4), ... What number should come next?

A. (1/3)
B. (1/8)
C. (2/8)
D. (1/16)

5. Kevin, Joseph, and Nicholas are 3 brothers. If the following statements are all true, which of them is the youngest?

```
✓ Kevin is the oldest.

✓ Nicholas is not the oldest.

✓ Joseph is not the youngest.
```

A. Joseph
B. Kevin
C. Nicholas
D. both joseph and nicholas

6. If the first two statements are true, the third statement is...

- Blueberries cost more than strawberries.
- Blueberries cost less than raspberries.
- Raspberries cost more than strawberries and blueberries.

A. true
B. false
C. uncertain

7. Which one is not an assignment operator in JavaScript?

A. +=
B. &=
C. |=
D. $=

8. Which variable name comforms to naming rules in JavaScript?

A. _age-birth
B. $age
C. 2-age
D. age&birth

9. Which Variable-defining keyword allows its variable to be accessed (as undefined) before the line that defines it?

A. var
B. let
C. const
D. all of them

10. Which operator returns true if the two compared values are not equal?

A. <>
B. ~
C. ==!
D. !==

11. When would you use a conditional statement?

A. When you want to reuse a set of statements multiple times.
B. When you want your code to choose between multiple options.
C. When you want to group data together.
D. When you want to loop through a group of statement.

12. Which of the following values is not a Boolean false?

A. `Boolean(0)`
B. `Boolean("")`
C. `Boolean(NaN)`
D. `Boolean("false")`

13. Why would you include a "use strict" statement in a JavaScript file?

A. to tell parsers to interpret your JavaScript syntax loosely
B. to tell parsers to enforce all JavaScript syntax rules when processing your code
C. to instruct the browser to automatically fix any errors it finds in the code
D. to enable ES6 features in your code

Interview Questions 15m

1. What are the escape characters in JavaScript?

2. Who developed JavaScript ?

3. What is JavaScript Hoisting?

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Coffee Break 10m

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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.*

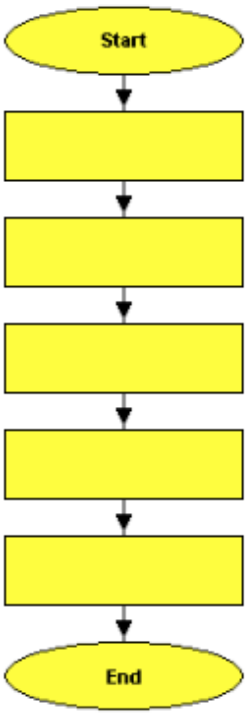
Q1. Steps for working out 4.72 divided by 1.18 on a calculator.

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

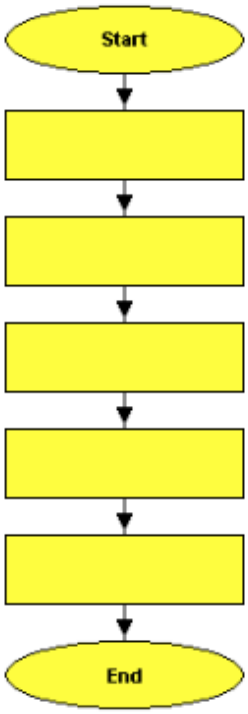


Q2. Steps for stopping working on a computer and shutting it down..

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



Video of the Week 10m

- JavaScript Hoisting

Case study/Project 15m

- Code a simple js switch case calculator that can do four operations.

```
- Take first number from user
- Take operator sign from user
- Take second number from user
- Calculate the result display on the console.
```

Tip: No functions required for solution.

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?

Closing 5m

- Next week's plan
- QA Session
