TW-014 GROUP VERSION

Meeting Agenda

▶ Icebreaking

▶ Questions

▶ Interview Questions

▶ Coffee Break

▶ Coding Challenge

▶ Video of the week

▶ Retro meeting

▶ Case study / project

Teamwork Schedule

Ice-breaking   5m

- 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.

Team work   5m

- Ask what exactly each student does for the team, if they know each other, if they care for each other, if they follow and talk with each other etc.

Ask Questions   15m

1. TypeScript is developed and maintained by _____ and its first version was first introduced on ____.

A. Amazon.com, 2008
B. Microsoft Corporation, 2009
C. Microsoft Corporation, 2012
D. Facebook, 2013

2. What is true about the difference between TypeScript and JavaScript?

A. TypeScript does not need compilation, while JavaScript takes more time as the code needs to be compiled
B. TypeScript does not support modules, JavaScript does
C. TypeScript is not an Object-Oriented Language.
D. TypeScript comes with optional static typing and a type inference system, JavaScript is a dynamically typed language

3. Which command will you use to transpile your TypeScript code to JavaScript?

A. npm
B. tsc
C. compile
D. transpile

4.TypeScript can be run or understood in any browser.

☐ - True
☐ - False

5. Which access modifiers are supported in TypeScript?

A. Public
B. Private
C. Protected
D. All of above.

6. Which error does this typescript code produce?

```
let a = 5;
a = 'hello'
```

A. No error occurs, this is a valid code.
B. Type 'number' is not assignable to type 'string'.
C. Type 'string' is not assignable to type 'number'.
D. Variable 'a' is used before being assigned.`

7. .... type combines multiple types into one & A union type is a type formed from two or more other types, representing values that may be any one of those types.
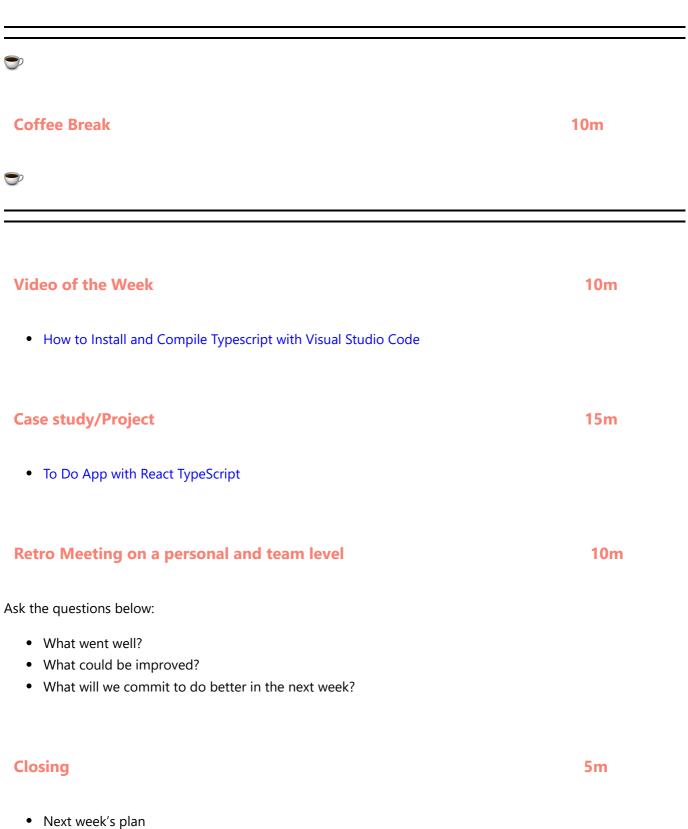
A. Union
B. Intersection
C. Interface
D. TS

8. How can we declare an Enum type?

A. enum LOG_LEVEL { ERROR = 1, WARN = 2 }
B. enum LOG_LEVEL { 1 = ERROR, 2 = WARN }
C. enum LOG_LEVEL = { ERROR = 1, WARN = 2 }
D. enum LOG_LEVEL = { 1 = ERROR, 2 = WARN }

9. Which is a successful example of this tuple '[number, string]'?

A. const myTuple = [101]
B. const myTuple = [101, 'Code Master']
C. const myTuple = [101, 101, 'Code Master', 'Code Master']
D. const myTuple = ['Code Master', 101]

10. Type Aliases are mostly used with _____.

A. Booleans
B. Numbers
C. String
D. None of the above

Interview Questions   15m

1. What is Typescript?

2. What are the advantages of using Typescript?

3. What are the disadvantages of TypeScript?

4. How to compile a Typescript file?

5. What is interface?

6. What is default visibility for properties/methods in TypeScript classes?

Coding Challenge   15m

- TR ID Verification with TypeScript

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Coffee Break   10m

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Video of the Week   10m

- [How to Install and Compile Typescript with Visual Studio Code](#)

Case study/Project   15m

- [To Do App with React TypeScript](#)

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