

Software Development

JavaScript Lesson 2

Learning objectives

1. **Create conditional statements**
2. **Create arrays and use array methods**
3. **Create functions**

Agenda

- 01. Recap
- 02. Conditional statements
- 03. Arrays
- 04. Functions

Recap

- What is a variable?
- What is an operator?
- What is an expression?

Git

- Slido [quiz!](#)

Conditional statements

- Comparison operators [we learnt in last lesson]
- Truthy and falsy
- Conditional statements
- Ternary operator
- Switch statements

Arrays

- Create an array
- Access elements in an array
- Array operations
 - **length**
 - **push**
 - **pop**
 - **shift**
 - **unshift**
 - **slice**
 - **splice**

Arrays Exercise (10 mins)

- Exercise: breakout rooms to read & try operation and brief/show the class from representative of each group
- Array operations
 - **length**
 - **push**
 - **pop**
 - **shift**
 - **unshift**
 - **slice**
 - **splice**

Break

Agenda

01. ~~Recap~~

02. ~~Conditional statements~~

03. ~~Arrays~~

04. Functions

Functions

- Creating a function
- Calling a function
- Arguments and parameters
- Default parameters
- Returning from a function
- Arrow functions

For next class

1. Do the variables and functions exercises in the LMS
2. Review the next lesson