FEWD WEEK 6 • CLASS 11:

Control Flow

https://slides.com/jennifermeade/fewd-6-11/live

QUICK REVIEW

JQUERY WARMUP


```
1   <h1>CODEPEN EXAMPLE</h1>
2   <h3>Use the link below to visit this example</h3>
```

LIVE

CODEPEN EXAMPLE
Use the link below to visit this example
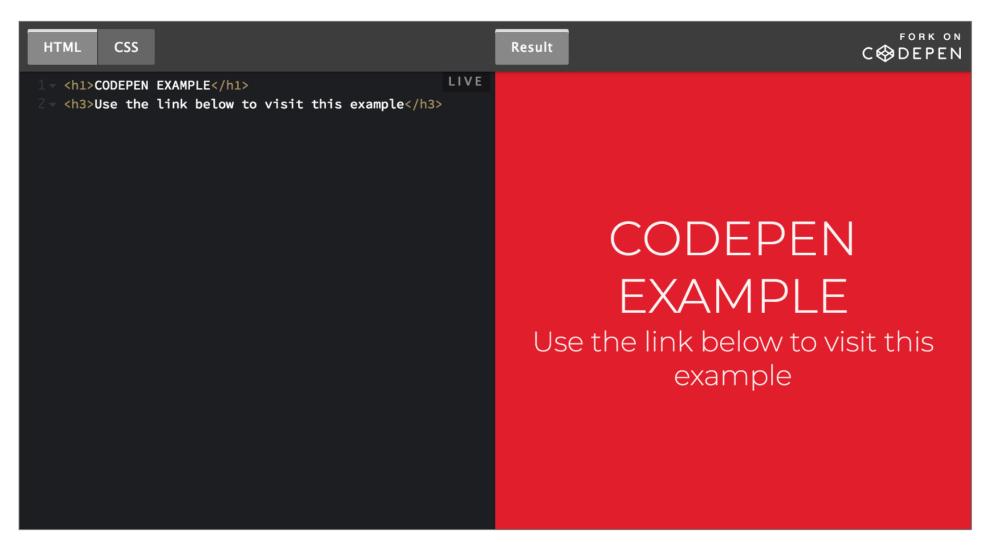
https://codepen.io/jme11/pen/OaMMRV

OBJECTIVES

- Understand and use if statements to control the flow of a program

- Use jQuery methods to "walk the DOM"

CONTROL FLOW

WHAT IS CONTROL FLOW?

- The order in which the computer executes statements in a script

- Code is run in order from the first line in the file to the last line, unless you tell it otherwise

- Loops and conditionals are two very common **control flow structures**

IF STATEMENTS

```
if (/* some condition is true */) {
    /* run this code */
}
```

IF/ELSE STATEMENTS

```
if (/* some condition is true */) {
    /* if true, run this code */
} else {
    /* if not true, run this code */
}
```

IF/ELSE IF STATEMENTS

```
if (/* first condition */) {
    /* if first condition is true,
       run this code and skip the else
       statements */
} else if (/* second condition */ )  {
    /* if first condition not true,
       and second condition is true,
       run this code and skip any other
       else statements */
}
```
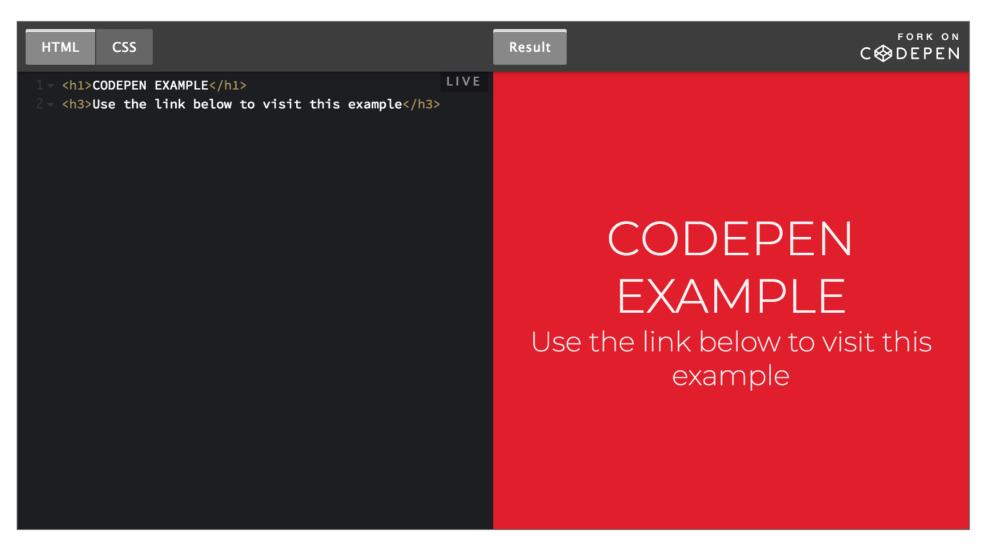
TRUTHY & FALSY

- Every value in Javascript by itself is truthy except:
    - false
    - Null
    - Undefined
    - 0 (number zero)
    - " " (empty string)
    - NaN (Not a Number)

CHECKING EQUALITY

- === (strictly equal)

- == (abstract equal)

- != (not abstractly equal)

- !== (not strictly equal)

ROCK, PAPER, SCISSORS

https://codepen.io/jme11/pen/dQWGob

GO BUILD
AWESOME THINGS!