Control Structures II
SESSION TYPE : LESSON (60 MINUTES)
WBD4300, 30 SLIDES

Control Structures II

- For

- While

- Do-while

Advanced Retouching

Self Directed:
Practice on various types of loops
(W3Schools)

But First....

- Javascript Events

- Recap on Terms

- Move through w3school Javascript Tutorials from Introduction to Loops

- Using the simple code examples sent. Modify and play around with each.

Control Structures

For

What's For for?

When using an array for instance, this will allow you cycle through a string of information and update a list continuously, or until the for loop is closed. With a different value each time.

e.g. For this length of time loop through this info.

Give me some real life examples of a For loop.

Control Structures

For

Control Structures

While

Control Structures

Do-While

JS Scope
JS Events
JS Strings
JS String Methods
JS Numbers
JS Number Methods
JS Math
JS Random
JS Dates
JS Date Formats
JS Date Methods
JS Arrays
JS Array Methods
JS Array Sort
JS Booleans
JS Comparisons
JS Conditions
JS Switch
JS Loop For
JS Loop While
JS Break
JS Type Conversion
JS Bitwise
JS RegExp
JS Errors
JS Debugging

The Do/While Loop

The do/while loop is a variant of the while loop. This loop will execute the code block once, before checking if the cond it will repeat the loop as long as the condition is true.

Syntax

```
do {
    code block to be executed
}
while (condition);
```

Example

The example below uses a do/while loop. The loop will always be executed at least once, even if the condition is false, block is executed before the condition is tested:

Example

```
do {
    text += "The number is " + i;
    i++;
}
while (i < 10);
```

Try it Yourself »

Advanced Retouching

The retouching tools in Adobe Photoshop are:
- Clone Stamp,
- Pattern Stamp,
- Healing Brush,
- Filters

Before

After

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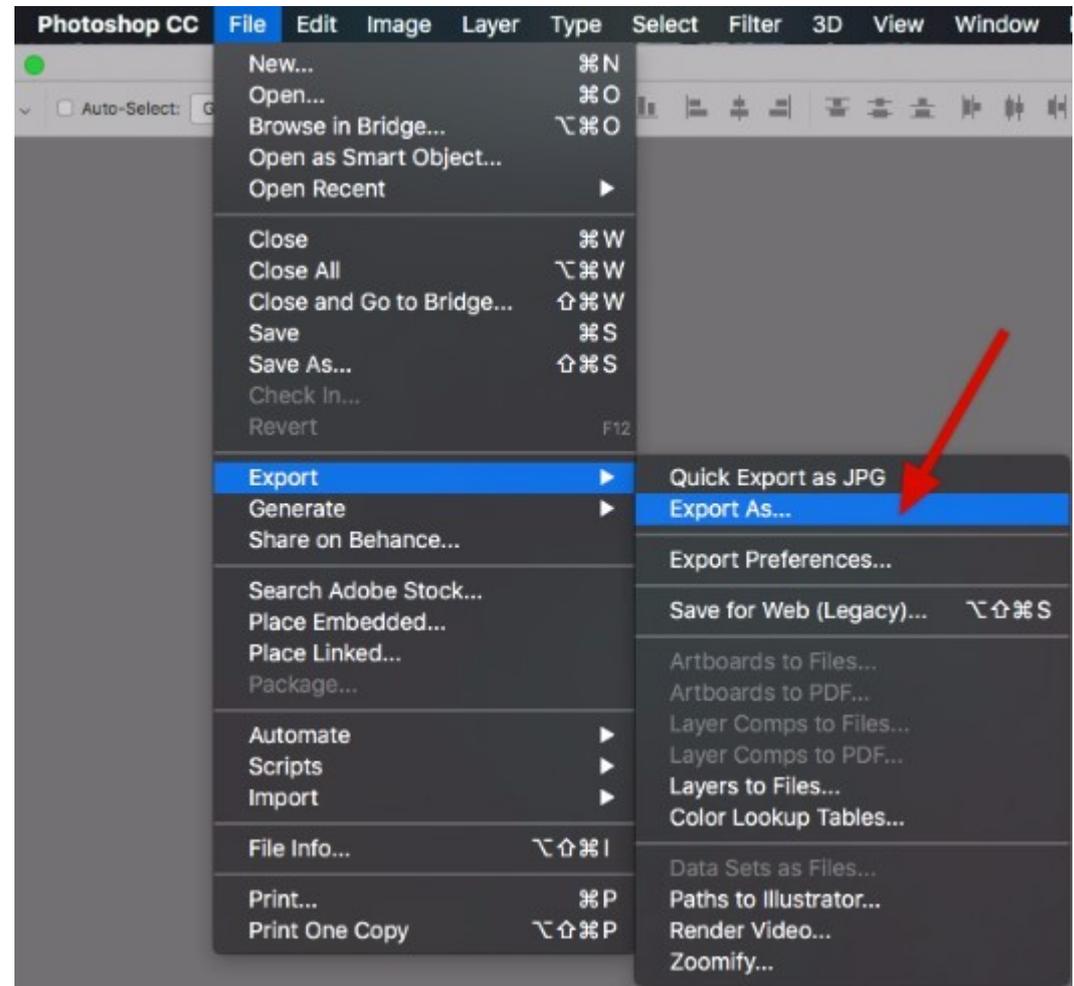
Self Directed

Practice various types of loops