**Programming Concepts with JavaScript**

This is a JavaScript primer for those who are still feeling a bit uncomfortable about the sequence and contents of JavaScript programming.

Please note that you can use it as a reference to the previous weeks where I shared some recording during the first three weeks or so. So, this will be considered as a replacement for those weekly contents. I will be continuing to the new topics from these onward.

**Lecture 1:**

<https://youtu.be/pGqtAxoP73w>

Description:

Introduction to JavaScript language. Difference between Static and Dynamic websites. Client server architecture. How to run JavaScript in console, web browser, or REPL.

**Lecture 2:**

<https://youtu.be/uNw3FCP4guk>

Description:

Variables in JavaScript, naming conventions, introduction to functions and their signature. The datatypes and concatenation of different types with strings.

**Lecture 3:**

<https://youtu.be/gbVXcOlaXoE>

Description:

Operators in JavaScript. Detailed discussion on pre and post increment/decrement operators. Difference between “==” and “===” which is strict equality operator. Typeof operator and Ternary operator in detail with some examples.

**Lecture 4:**

<https://youtu.be/cX1D_dHFVYA>

Description:

Some special elements like String literals (the backticks), and other string forms in JS. The different elements of a javascript program, like sequential, conditional, looping and transfer or jump. Discussion of if else structure and “Switch” structure. Detailed discussion on syntax of for loop.

**Lecture 5:**

<https://youtu.be/Bb3pdJHk7so>

Description:

Some practice questions discussion. No real topics were discussed. But can be considered as a guideline while you are about to submit something here too.

**Lecture 6:**

<https://youtu.be/OhVHfseaD7M>

Description:

Detailed discussion on different types of functions in JavaScript. Like declarations, function expressions etc.

**Lecture 7:**

<https://youtu.be/MijkT6JYfQA>

Description:

Continued discussion on functions from previous session and some special examples of functions discussed here.

**Lecture 8:**

<https://youtu.be/oqRIiSW7Ryk>

Description:

Discussion of some of the string related functions and properties available like .length, .toUpperCase() etc. and also a detailed example of a function addPeriod( ) with different available pre existing functions of the string.