**Week 4 Notes** – JavaScript and the DOM

**PASSING AND RETURNING FUNCTIONS**

Passing Functions

Functions can call other functions

Returning Functions

*example*

function square(x) { return Math.pow(x,2) };

*similar to above*

function toTheN(n){

return function(x) {

return Math.pow(x,n);

};

}

var square = toTheN(2);

var toThe3rd = toTheN(3);

document.getElementById("out1").textContent = square(2);

document.getElementById("out2").textContent = square(3);

document.getElementById("out3").textContent = toThe3rd(3);