CS230

STUDENT NUMBER: 11707355,

ASSIGNMENT 1:

**JavaScript:**

//Functions 1

var lvlOne = 0,

countOne = document.getElementById('num1');

document.getElementById('plus1').addEventListener('click', function () {

countOne.textContent = lvlOne+=1;

colourChangeOne(lvlOne);

});

document.getElementById('minus1').addEventListener('click',function () {

if(lvlOne > 0) {

countOne.textContent = lvlOne-=1;

}

colourChangeOne(lvlOne);

});

function colourChangeOne(val) {

var colourOne = "green";

if(val > 0) {

colourOne="red";

}

countOne.style.color = colourOne;

}

//fuctions 2: buttons

var lvlTwo = 0;

var countTwo = document.getElementById('num2');

document.getElementById('plus2').addEventListener('click', function () {

countTwo.textContent = lvlTwo+=1;

colourChangeTwo(lvlTwo);

});

document.getElementById('minus2').addEventListener('click',function () {

if(lvlTwo > 0) {

countTwo.textContent = lvlTwo-=1;

}

colourChangeTwo(lvlTwo);

});

function colourChangeTwo(val){

var colourTwo = "black";

if (val == 1) {

colourTwo = "green";

} else if (val > 1) {

colourTwo = "red";

}

countTwo.style.color = colourTwo;

}

//functions 3: buttons

var lvlThree = 0;

var countThree = document.getElementById('num3');

document.getElementById('plus3').addEventListener('click', function () {

countThree.textContent = lvlThree+=1;

colourChangeThree(lvlThree);

});

document.getElementById('minus3').addEventListener('click',function () {

if(lvlThree > 0) {

countThree.textContent = lvlThree-=1;

}

colourChangeThree(lvlThree);

});

function colourChangeThree(val) {

var colourThree = "black";

if(val == 2) {

colourThree = "green";

} else if (val > 2) {

colourThree = "red";

}

countThree.style.color = colourThree;

}

//Fuction 4 buttons

var lvlFour = 0;

var countFour = document.getElementById('num4');

document.getElementById('plus4').addEventListener('click', function () {

countFour.textContent = lvlFour+=1;

colourChangeFour(lvlFour);

});

document.getElementById('minus4').addEventListener('click',function () {

if(lvlFour > 0) {

countFour.textContent = lvlFour-=1;

}

colourChangeFour(lvlFour);

});

function colourChangeFour(val){

var colourFour = "black";

if (val == 3) {

colourFour = "green";

} else if(val>3){

colourFour = "red";

}

countFour.style.color = colourFour;

}

//Function 5 buttons

var lvlFive = 0;

var countFive = document.getElementById('num5');

document.getElementById('plus5').addEventListener('click', function () {

countFive.textContent = lvlFive+=1;

colorChangeFive(lvlFive);

});

document.getElementById('minus5').addEventListener('click',function () {

if(lvlFive > 0) {

countFive.textContent = lvlFive-=1;

}

colorChangeFive(lvlFive);

});

function colorChangeFive(val) {

var colourFive = "black";

if (val >= 3 && val <= 5) {

colourFive = "green";

} else if (val > 5) {

colourFive = "red";

}

countFive.style.color = colourFive;

}

//function 6

var lvlSix = 0;

var countSix = document.getElementById('num6');

document.getElementById('plus6').addEventListener('click', function () {

countSix.textContent = lvlSix+=1;

colorChangeSix(lvlSix);

});

document.getElementById('minus6').addEventListener('click',function () {

if(lvlSix > 0) {

countSix.textContent = lvlSix-=1;

colorChangeSix(lvlSix);

}

});

function colorChangeSix(val) {

var colourSix = "black";

if(val >= 5 && val <= 7){

colourSix = "green";

} else if(val > 7) {

colourSix = "red";

}

countSix.style.color = colourSix;

}