var colors = Object.values(allColors())

var defaultDNA = {

"headcolor" : 10,

"mouthColor" : 13,

"eyesColor" : 96,

"earsColor" : 10,

//Cattributes

"eyesShape" : 1,

"decorationPattern" : 1,

"decorationMidcolor" : 13,

"decorationSidescolor" : 13,

"animation" : 1,

"lastNum" : 1

}

// when page load

$( document ).ready(function() {

$('#dnabody').html(defaultDNA.headColor);

$('#dnamouth').html(defaultDNA.mouthColor);

$('#dnaeyes').html(defaultDNA.eyesColor);

$('#dnaears').html(defaultDNA.earsColor);

// $('#dnashape').html(defaultDNA.eyesShape)

// $('#dnadecoration').html(defaultDNA.decorationPattern)

// $('#dnadecorationMid').html(defaultDNA.decorationMidcolor)

// $('#dnadecorationSides').html(defaultDNA.decorationSidescolor)

// $('#dnaanimation').html(defaultDNA.animation)

// $('#dnaspecial').html(defaultDNA.lastNum)

renderCat(defaultDNA)

});

function getDna(){

var dna = ''

dna += $('#dnabody').html()

dna += $('#dnamouth').html()

dna += $('#dnaeyes').html()

dna += $('#dnaears').html()

dna += $('#dnashape').html()

dna += $('#dnadecoration').html()

dna += $('#dnadecorationMid').html()

dna += $('#dnadecorationSides').html()

dna += $('#dnaanimation').html()

dna += $('#dnaspecial').html()

return parseInt(dna)

}

function renderCat(dna){

headColor(colors[dna.headcolor],dna.headcolor)

$('#bodycolor').val(dna.headcolor)

}

// Changing cat colors

$('#bodycolor').change(()=>{

var colorVal = $('#bodycolor').val()

headColor(colors[colorVal],colorVal)

})

$('#eyescolor').change(()=>{

var colorVal = $('#eyescolor').val()

eyesColor(colors[colorVal],colorVal)

})

$('#earscolor').change(()=>{

var colorVal = $('#earscolor').val()

earsColor(colors[colorVal],colorVal)

})

$('#mouthcolor').change(()=>{

var colorVal = $('#mouthcolor').val()

mouthColor(colors[colorVal],colorVal)

})