14th November 2017

DOM - Document Object Model

Can refer to different elements from HTML

Via classname, id, tag etc

Example with DOM, sliders, buttons, images:

var myCanvas;

var ballPos;

var img;

var button;

var greyVal;

var slider;

function setup(){

   var myPara = createElement('p', "here's my text");

   myCanvas = createCanvas(500,500);

   myCanvas.position(50,200);

   myCanvas.mouseOut(showImage);

   myCanvas.mouseOver(hideImage);

   img = createImg("http://placekitten.com/200/300");

   ballPos = 0;

   button = createButton("click me!");

   button.position(600,300);

   button.mousePressed(changeBallColor);

   greyVal = 255;

   slider = createSlider(0,255,0);

   slider.position(600,100);

   slider.style('width', '200px');

}

function draw(){

   var myBg = slider.value();

   background(myBg);

   ballPos +=2;

   fill(greyVal);

   noStroke();

   ellipse(ballPos, height/2, 30,30);

   if(ballPos > width){

      ballPos = 0;

   }

}

function hideImage(){

   img.hide();

}

function showImage(){

   img.show();

}

function changeBallColor(){

   greyVal = 100;

}