//http://api.wordnik.com

//this is where the link the website

var url1 = "http://api.wordnik.com/v4/word.json/";

//the word that we want to get related to at first

var word = "graphics";

//the api and the function that we want to get words that relate to the word show on the screen

var url2 = "/relatedWords?useCanonical=false&limitPerRelationshopType=10&api\_key=a2a73e7b926c924fad7001ca3111acd55af2ffabf50eb4ae5";

var link;

function setup() {

createCanvas(400, 100);

background(150);

link = createA('#', word);

link.mousePressed(askWordnik);

}

function askWordnik() {

loadJSON(url1 + word + url2, gotData);

}

function gotData(data) {

var index1 = floor(random(0, data.length));

var index2 = floor(random(0, data[index1].words.length));

word = data[index1].words[index2];

link.html(word);

}