function genereercode() {

var testkl = new Array(7, 9, 3, 3, 8);

for (i=1; i<=5; i++) {

var random = Math.floor(Math.random() \* 10);

var rnd10 = random % 10;

xgis[0, i] = rnd10;

// xgis[i] = testkl[i-1];

if (rnd10 > 0) {

kleur = document.getElementById("dragid" + xgis[i]);

klkloon = kleur.cloneNode(true);

document.getElementById("dropid0" + i).appendChild(klkloon);

}

}

}

/\* ----------------------------------------------------------------------------------------------------------------- \*/

function plaatspins(ii) {

var nwi;

var zwjj = new Array(6);

var jpin = new Array(1, 4, 2, 5, 3);

var zwart; var zwkloon;

var wit; var witkloon;

nzw = nzwartpin (ii, zwjj);

// alert ("nzw = " + nzw);

if (nzw < 5) {

nwi = nwitpin (ii, zwjj);

// alert ("nwit = " + nwi);

for (j=1; j<=nzw; j++) {

zwart = document.getElementById("zwartwitid1");

zwkloon = zwart.cloneNode(true);

document.getElementById("pinid" + ii + jpin[j-1]).appendChild(zwkloon);

}

for (j=nzw + 1; j<=nzw + nwi; j++) {

wit = document.getElementById("zwartwitid6");

witkloon = wit.cloneNode(true);

document.getElementById("pinid" + ii + jpin[j-1]).appendChild(witkloon);

}

if (ii == 10) {

eindespel (ii, 0);

} }

else {

for (j=1; j<=5; j++) {

zwart = document.getElementById("zwartwitid1");

zwkloon = zwart.cloneNode(true);

document.getElementById("pinid" + ii + jpin[j-1]).appendChild(zwkloon);

}

eindespel (ii, 1);

}

return nzw;

}

function nzwartpin(ii, zwjj) {

var t;

t = 0;

for (j=1; j<=5; j++) {

if (ygis[j] == xgis[j]) {

t++;

zwjj[j] = 1; }

else {

zwjj[j] = 0;

}

}

return t;

}

function nwitpin(ii, zwjj) {

var t; var b;

var dkl0; var dkl;

t = 0;

for (j=1; j<=5; j++) {

b = 0;

dkl0 = 0; dkl = 0;

// alert ("zwjj(" + j + ") = " + zwjj[j]);

if (zwjj[j] == 0) {

// alert ("vindkl(" + ii + ", " + j + ") = " + vindkl(ii, j));

if (vindkl (ii, j) == 1) {

if (j > 1) {

for (jj=1; jj<=j-1; jj++) {

if (ygis[jj] == ygis[j] && ygis[jj] != xgis[jj]) {

dkl++;

}

}

for (jj=1; jj<=5; jj++) {

if (jj != j) {

if (ygis[j] == xgis[jj] && ygis[jj] != xgis[jj]) {

dkl0++;

}

}

} }

else {

if (ygis[j] != xgis[j]) {

for (jj=2; jj<=5; jj++) {

if (xgis[jj] == ygis[j] && xgis[jj] != ygis[jj]) {

b = 1;

}

}

}

}

if (b == 1 || dkl0 > dkl) {

t++;

}

}

}

// alert ("j = " + j + " zwjj(" + j + ") = " + zwjj[j] + " vindkl(" + ii + ", " + j + ") = " + vindkl(ii, j));

// alert ("b = " +b + " dkl0 = " + dkl0 + " dkl = " + dkl);

}

return t;

}

function vindkl (ii, j) {

var jj; var b;

jj = 0; b = 0;

do {

jj++;

if (xgis[jj] == ygis[j]) {

b = 1;

}

}

while (b == 0 && jj < 5);

return b;

}

function eindespel(ii, res) {

var strtry;

if (res == 0) {

alert ("Sorry! You haven't cracked the code. Try again!");

}

else {

if (ii == 1) {

strtry = "try"; }

else {

strtry = "tries";

}

alert ("Congratulations! You cracked the code in " + ii + " " + strtry + ".");

}

$("#cover").css("visibility", "hidden");

$("#nwspelknop").css("visibility", "visible");

}