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<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="es">
<head><title>Prueba</title>
<style type="text/css" media="screen">
body
{
background-color:black;font-size:22px;font-weight:bold;color:yellow;
}
</style>

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<script type="text/javascript">
function toSpans(span) {
var str=span.firstChild.data;
var a=str.length;
span.removeChild(span.firstChild);
for(var i=0; i<a; i++) {
var theSpan=document.createElement("SPAN");
theSpan.appendChild(document.createTextNode(str.charAt(i)));
span.appendChild(theSpan);
}
}

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function RainbowSpan(span, hue, deg, brt, spd, hspd) {
this.deg=(deg==null?360:Math.abs(deg));
this.hue=(hue==null?0:Math.abs(hue)%360);
this.hspd=(hspd==null?3:Math.abs(hspd)%360);
this.length=span.firstChild.data.length;
this.span=span;
this.speed=(spd==null?50:Math.abs(spd));
this.hInc=this.deg/this.length;
this.brt=(brt==null?255:Math.abs(brt)%256);
this.timer=null;
toSpans(span);
this.moveRainbow();
}

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RainbowSpan.prototype.moveRainbow = function() {
if(this.hue>359) this.hue-=360;
var color;
var b=this.brt;
var a=this.length;
var h=this.hue;

for(var i=0; i<a; i++) {

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if(h>359) h-=360;

if(h<60) { color=Math.floor(((h)/60)*b); red=b;grn=color;blu=0; }
else if(h<120) { color=Math.floor(((h-60)/60)*b); red=b-color;grn=b;blu=0; }
else if(h<180) { color=Math.floor(((h-120)/60)*b); red=0;grn=b;blu=color; }
else if(h<240) { color=Math.floor(((h-180)/60)*b); red=0;grn=b-color;blu=b; }
else if(h<300) { color=Math.floor(((h-240)/60)*b); red=color;grn=0;blu=b; }
else { color=Math.floor(((h-300)/60)*b); red=b;grn=0;blu=b-color; }

h+=this.hInc;

this.span.childNodes[i].style.color="rgb("+red+", "+grn+", "+blu+)";
}
this.hue+=this.hspd;
}

</script>

</head>
<body>

<div align="center">
<h3 id="r1">UNIVERSIDAD JEAN PIAGET</h3>
</div>
<script type="text/javascript">
var r1=document.getElementById("r1");
var myRainbowSpan=new RainbowSpan(r1, 0, 360, 255, 50, 18);
myRainbowSpan.timer=window.setInterval("myRainbowSpan.moveRainbow()",
myRainbowSpan.speed);
</script>

<div align="center">
<p id="r2">INGENIERIA EN SISTEMAS COMPUTACIONALES</p>
</div>
<script type="text/javascript">
var r2=document.getElementById("r2");
var myRainbowSpan2=new RainbowSpan(r2, 0, 360, 255, 50, 348);
myRainbowSpan2.timer=window.setInterval("myRainbowSpan2.moveRainbow()",
myRainbowSpan2.speed);
</script>

<div align="center">
<p id="r4">Carlos Javier Ferman Iglesias</p>
</div>
<script type="text/javascript">

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var r2=document.getElementById("r4");
var myRainbowSpan2=new RainbowSpan(r2, 0, 360, 255, 50, 348);
myRainbowSpan2.timer=window.setInterval("myRainbowSpan2.moveRainbow()",
myRainbowSpan2.speed);
</script>
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<div align="center">
<p id="r3">SIMULACION</p>
</div>
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<script type="text/javascript">
var r3=document.getElementById("r3");
var myRainbowSpan3=new RainbowSpan(r3, 0, 360, 255, 50, 348);
myRainbowSpan3.timer=window.setInterval("myRainbowSpan3.moveRainbow()",
myRainbowSpan3.speed);
</script>
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</script>
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</body>
</html>
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