Hello Coders!.

Here are the changes to the Tilt and Draw program you started to change... .

```
        //Set a timer to call the Draw function in 2 secs.
        timer = setTimeout( "Draw()", 2000 );
}

//Draw to the screen at the current x,y posn.
function Draw()
{
        //Shift position.
        xdraw += xtilt;
        ydraw += ytilt;

        setposition();

        //Draw a small circle.
        img.DrawCircle( xdraw, ydraw, 0.030 );

        //Call this func again in 1 millisec.
        timer = setTimeout( "Draw()", 1 );
}

function setposition()
{
        if( xdraw > 0.99)
        {
            xdraw = 0.01;
        }

        if( xdraw < 0.01)
        {
            xdraw = 0.99;
        }


        if( ydraw > 0.99 )
        {
            ydraw = 0.01;
        }

        if( ydraw < 0.01)
        {
            ydraw = 0.99;
        }

}
```

Take care with the { and look carefully where your ( ) are !. Most coders make the mistake of leaving these in the wrong place !

When you get this working you should have it so that the purple line never goes off the screen!

"How do I change the colour? "

OK — this is easy here is the line you need to change. It is near the top of the program... .

```
1  //Initialise some variables.
2  var timer = null;
3
4  //Called when application is started.
5  function OnStart()
6  {
7          //Lock screen orientation to Portrait.
8          app.SetOrientation( "Portrait" );
9
10         //Create layout.
11         lay = app.CreateLayout( "Linear" );
12
13         //Create blank image which fills screen.
14         img = app.CreateImage( null, 1.0, 1.0 );
15         lay.AddChild( img );
16
17         //Set drawing color to blue.
18         //format is (#alpha:red:green:blue) in hex.
19         img.SetPaintColor( "#ff6622ff" );
20
```

The letters and numbers make up the colour.
You can change the last 6 letters/numbers... .

So you in the code above you can change the ones highlighted in RED

#ff6622ff
so to make a yellow-y colour
#fffecf6a

each letter/number in the red bit can be one of these
0 1 2 3 4 5 6 7 8 9 a b c d e

I'll explain next lesson why there are some letters in the colours!