

Funciones1:

```
#include <stdio.h>
#include <math.h>

int main(void)
{
    double result, x;
    int i;
    x = 0.5;
    for ( i = 1 ; i <= 20 ; i++ )
    {
        result = sin( x );
        x = x + 0.5;
        printf(" El seno( ) de %lf es %lf \n ", x, result);
    }
    return 0;
}
```

Funciones1.1:

```
#include <stdio.h>
#include <math.h>

void calcular_senos(void);

int main(void)
{
    // NO HAY VARIABLES LOCALES
    calcular_senos( );
    return 0;
}

void calcular_senos(void)
{
    double result, x;
    int i; // V. LOCALES
    x = 0.5;
    for ( i = 1 ; i <= 20 ; i++ )
    {
        result = sin( x );
        x = x + 0.5;
        printf(" El sen( ) de %lf es %lf \n ", x, result);
    }
}
```

Funciones2:

```
#include <stdio.h>
#include <math.h>
#define PI 3.14159265

// 1 radián = 360°/2PI = 180°/PI = aprox 57°17'45"
// PI = 3.14159265

double Convertir( int grad );

int main(void)
{
    double rad, resul;
    int grado;

    for ( grado = 0 ; grado <= 10 ; grado++ )
    {
        rad = Convertir( grado );
        resul = sin( rad );
        printf(" El seno( ) de %lf es %lf \n", rad, resul);
    }
    return 0;
}

double Convertir( int grad )
{
    return ( grad * 2 * PI / 360 );
}
```