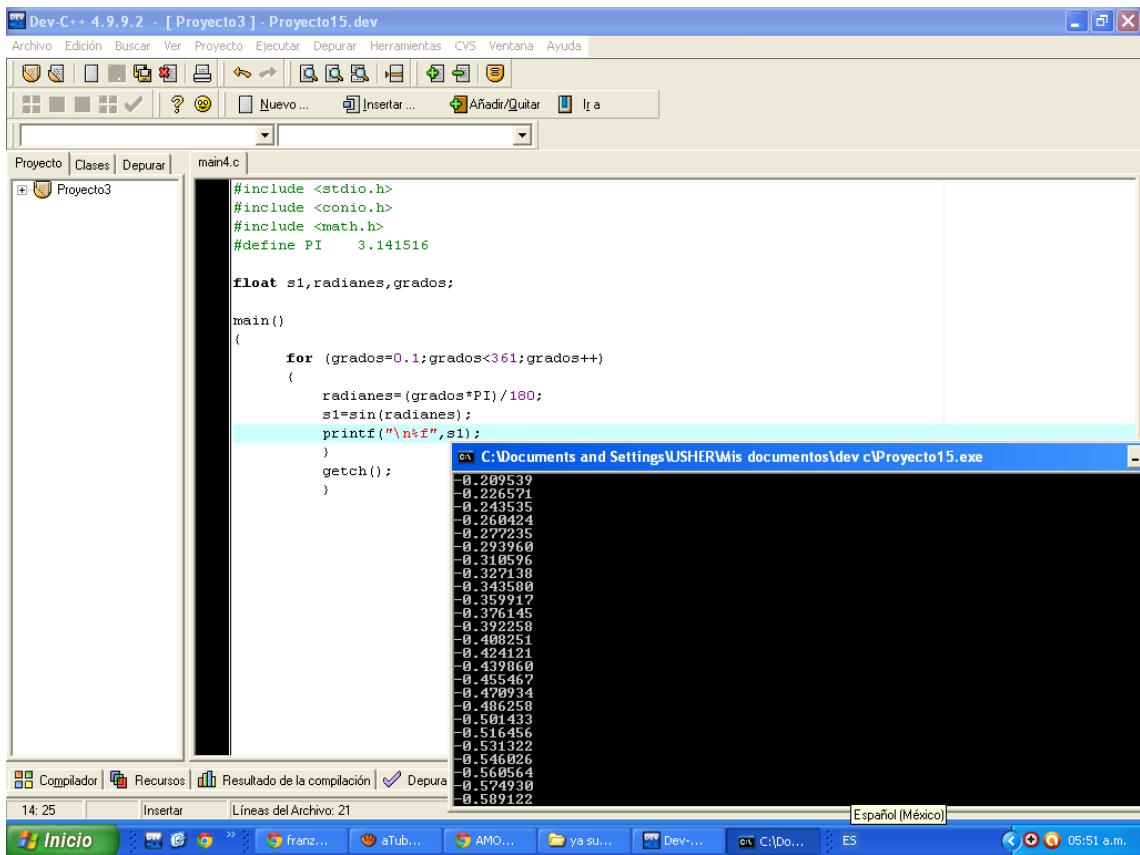


## Ejemplo SENO



```
#include <stdio.h>
#include <conio.h>
#include <math.h>
#define PI 3.141516

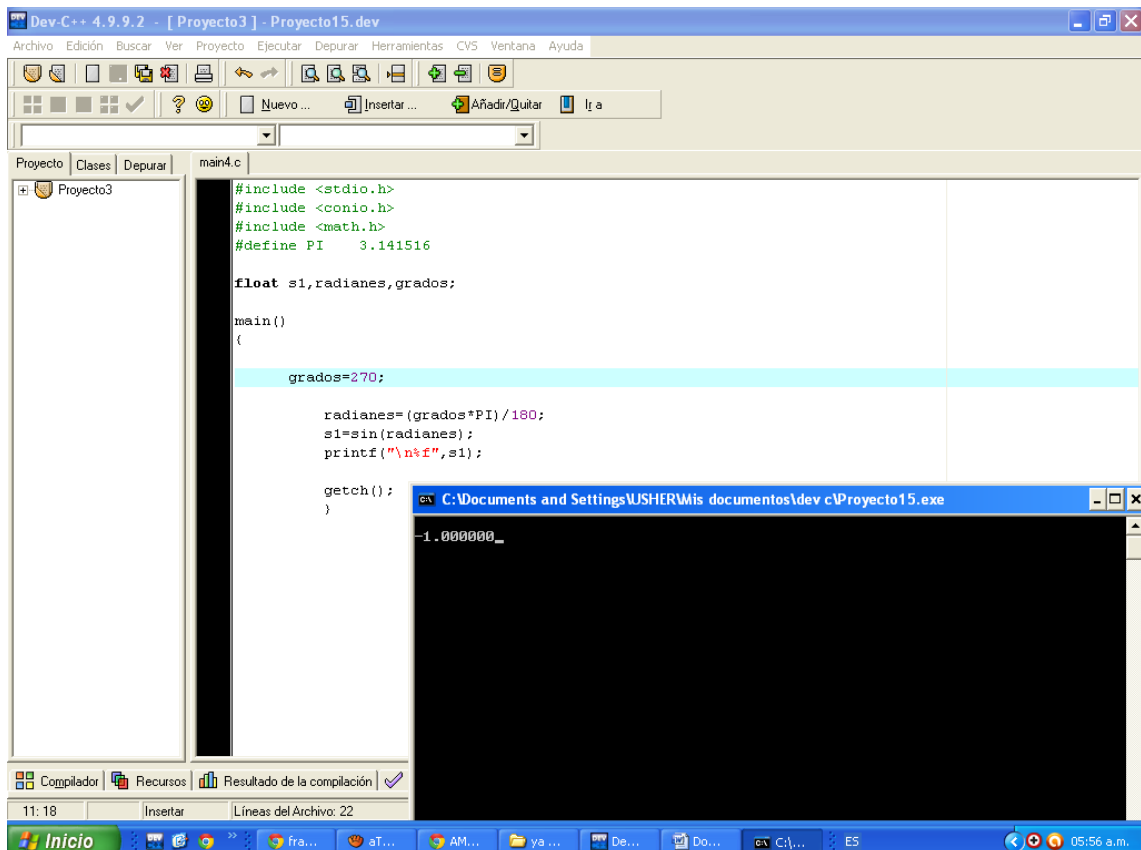
float s1,radianes,grados;

main()
{
    for (grados=0.1;grados<361;grados++)
    {
        radianes=(grados*PI)/180;
        s1=sin(radianes);
        printf("\n%f",s1);
    }
    getch();
}
```

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-0.209539  
-0.226571  
-0.243535  
-0.260424  
-0.277235  
-0.293960  
-0.310596  
-0.327138  
-0.343580  
-0.359917  
-0.376145  
-0.392258  
-0.408251  
-0.424121  
-0.439860  
-0.455467  
-0.470934  
-0.486258  
-0.501433  
-0.516456  
-0.531322  
-0.546026  
-0.560564  
-0.574930  
-0.589122

## Ejemplo seno de 270



```
#include <stdio.h>
#include <conio.h>
#include <math.h>
#define PI 3.141516

float s1,radianes,grados;

main()
{
    grados=270;

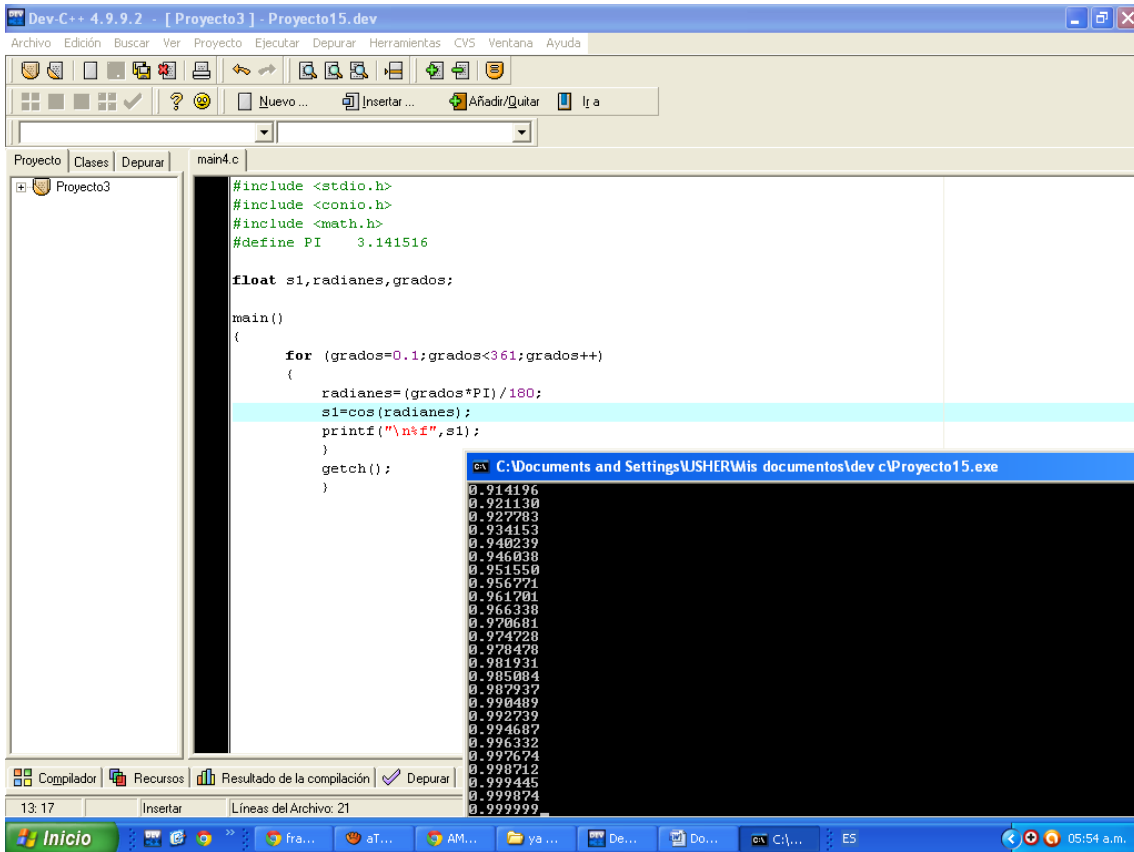
    radianes=(grados*PI)/180;
    s1=sin(radianes);
    printf("\n%f",s1);

    getch();
}
```

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-1.000000\_

## Ejemplo coseno



```
#include <stdio.h>
#include <conio.h>
#include <math.h>
#define PI 3.141516

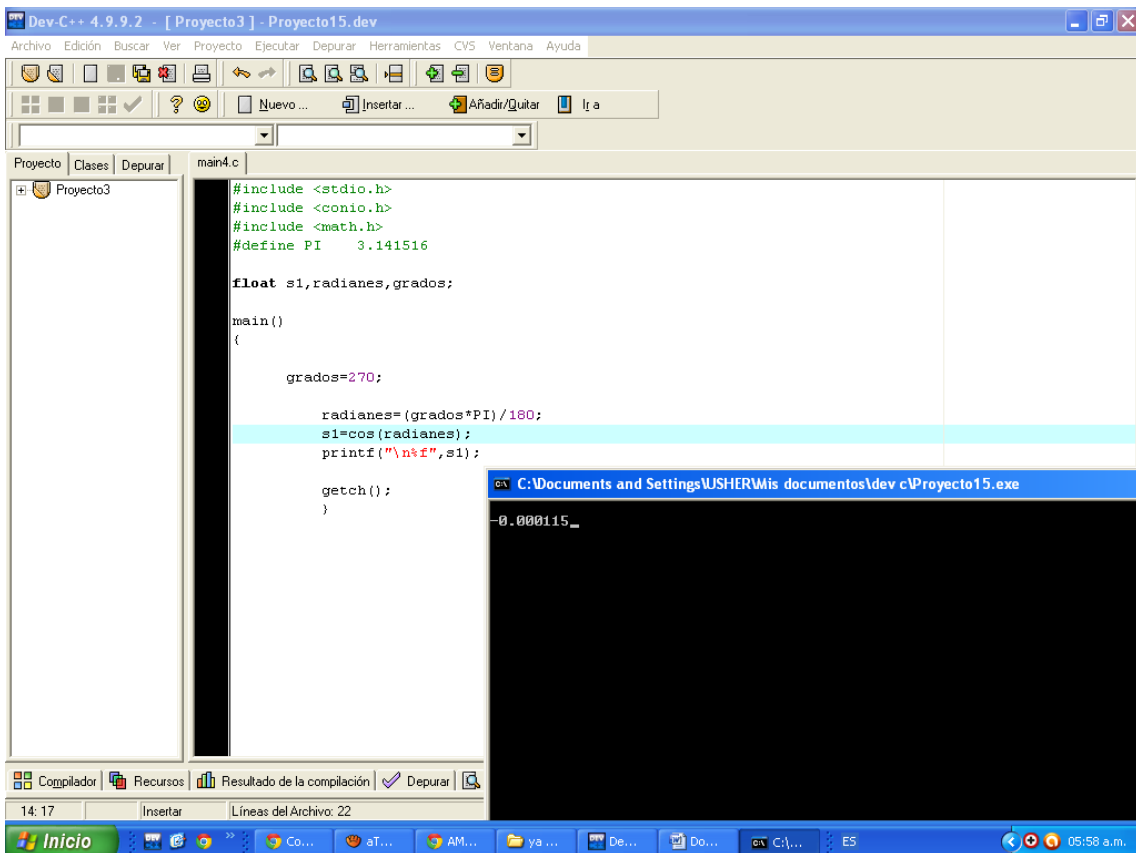
float s1, radianes, grados;

main()
{
    for (grados=0.1;grados<361;grados++)
    {
        radianes=(grados*PI)/180;
        s1=cos(radianes);
        printf("\n%f",s1);
    }
    getch();
}
```

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0.914196  
0.921130  
0.927783  
0.934153  
0.940239  
0.946038  
0.951558  
0.956771  
0.961701  
0.966338  
0.970681  
0.974728  
0.978478  
0.981931  
0.985084  
0.987937  
0.990489  
0.992739  
0.994687  
0.996332  
0.997674  
0.998712  
0.999445  
0.999874  
0.999999

## Ejemplo coseno de 270°



```
#include <stdio.h>
#include <conio.h>
#include <math.h>
#define PI 3.141516

float s1, radianes, grados;

main()
{
    grados=270;

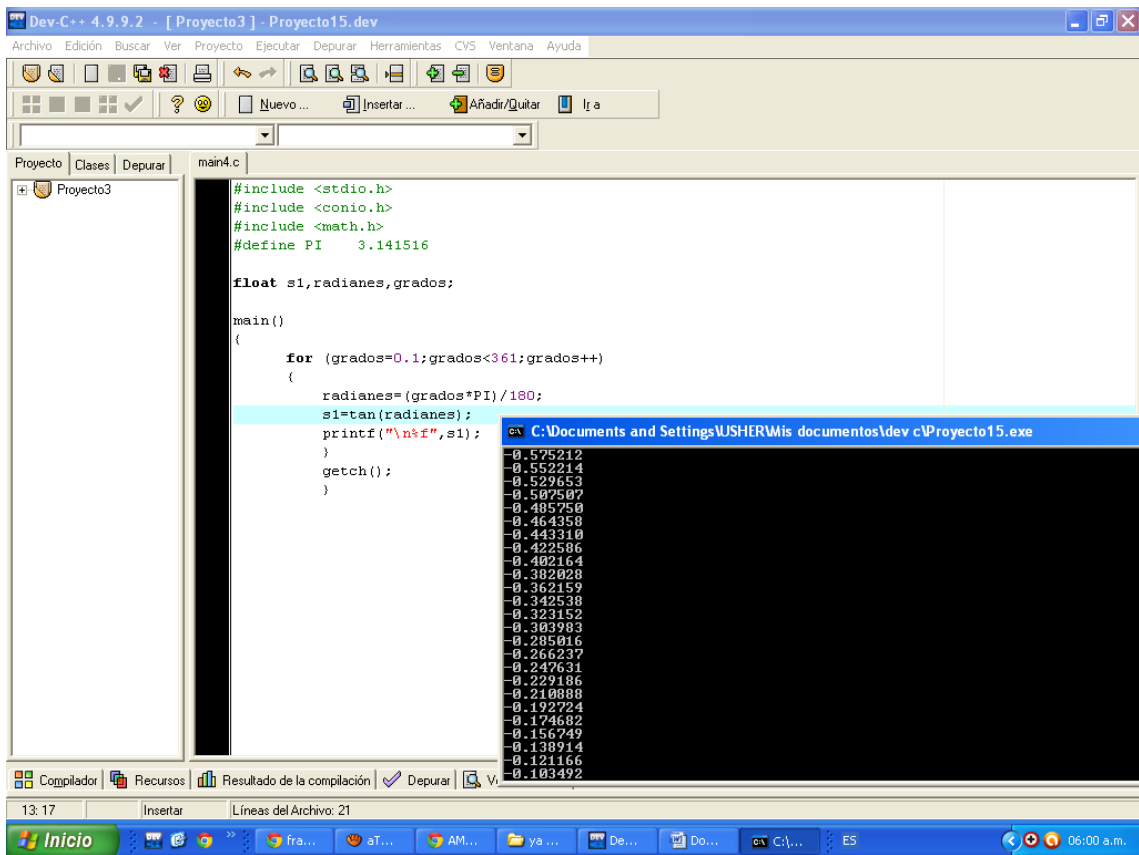
    radianes=(grados*PI)/180;
    s1=cos(radianes);
    printf("\n%f",s1);

    getch();
}
```

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-0.000115\_

## Ejemplo de la tangente



```
#include <stdio.h>
#include <conio.h>
#include <math.h>
#define PI 3.141516

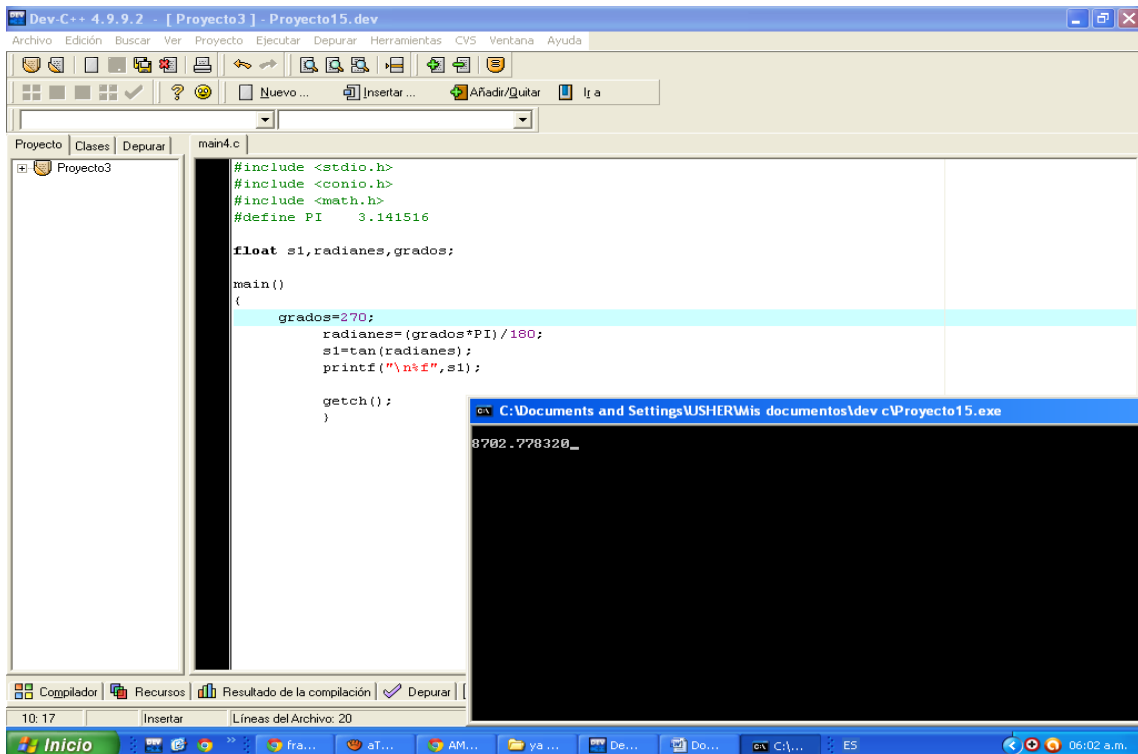
float s1,radianes,grados;

main()
{
    for (grados=0.1;grados<361;grados++)
    {
        radianes=(grados*PI)/180;
        s1=tan(radianes);
        printf("\n%f",s1);
    }
    getch();
}
```

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0.575212  
0.552214  
0.529653  
0.507507  
0.485750  
0.464358  
0.443310  
0.422586  
0.402164  
0.382028  
0.362159  
0.342530  
0.323152  
0.303983  
0.285016  
0.266237  
0.247631  
0.229186  
0.210888  
0.192724  
0.174682  
0.156749  
0.138914  
0.121166  
0.103492

Como ya sabemos tangente de  $90^\circ$  y tangente de  $270^\circ$  es una indeterminación se dispara al infinito geoméricamente son asíntotas



```
#include <stdio.h>
#include <conio.h>
#include <math.h>
#define PI 3.141516

float s1,radianes,grados;

main()
{
    grados=270;
    radianes=(grados*PI)/180;
    s1=tan(radianes);
    printf("\n%f",s1);

    getch();
}
```

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8702.778320\_

