

Programma per la gestione di una semaforo

```
//-----  
  
#include <vcl.h>  
  
#pragma hdrstop  
  
#include "Semaforo.h"  
//-----  
#pragma package(smart_init)  
#pragma resource "*.dfm"  
TForm1 *Form1;  
//-----  
__fastcall TForm1::TForm1(TComponent* Owner)  
    : TForm(Owner)  
{  
}  
//-----  
  
//-----  
  
void __fastcall TForm1::Timer1Timer(TObject *Sender)  
{  
    if(rosso->Brush->Color==clRed)    //se è rosso...  
    {  
        rosso->Brush->Color=clMaroon;  
        verde->Brush->Color=clLime;  
    }  
    else  
    {  
        if(arancio->Brush->Color==clYellow)    //se è giallo...  
        {  
            arancio->Brush->Color=clOlive;  
            rosso->Brush->Color=clRed;  
        }  
        else    //allora è verde  
        {  
            arancio->Brush->Color=clYellow;  
            verde->Brush->Color=clGreen;  
        }  
    }  
};  
  
}
```

```
//-----  
void __fastcall TForm1::Timer2Timer(TObject *Sender)  
{  
    if(Auto->Left>=776)  
        Auto->Left=0;  
    if(rosso->Brush->Color!=clRed)  
        Auto->Left++;  
    else  
    {  
        if((Auto->Left<-8)||((Auto->Left>176))  
            Auto->Left++;  
    }  
}
```