```c
// Auto to arxeio perilamvanei to tmima kwdika pou perigrafei pws emfanizontai
to psifio sto 7 segment

int D11 = 11; // psifiaki e3odos pros 7447 IC...sto 7-segment sto D
int D10 = 10 ; // psifiaki e3odos pros 7447 IC...sto 7-segment sto C
int D09 = 9 ;// psifiaki e3odos pros 7447 IC ... sto 7 segment sto B
int D08 = 8 ;// psifiaki e3odos pros 7447 IC ...sto 7 segment sto A


 void setup ()
 {
    pinMode ( D11 , OUTPUT );
    pinMode ( D10 , OUTPUT );
    pinMode ( D09 , OUTPUT );
    pinMode ( D08 , OUTPUT );

 }
 void loop()
 {

    setSegment(0,0,0,0);
delay(2000);
 setSegment(0,0,0,1);
delay(2000);
    setSegment(0,0,1,0);
delay(2000);
 setSegment(0,0,1,1);
delay(2000);
 setSegment(0,1,0,0);
delay(2000);
 setSegment(0,1,0,1);
delay(2000);
 setSegment(0,1,1,0);
delay(2000);
 setSegment(0,1,1,1);
delay(2000);
setSegment(1,0,0,0);
delay(2000);
 setSegment(1,0,0,1);
delay(2000);
}


 void setSegment ( int D , int  C , int B , int A)
   {
     digitalWrite ( D11, D);
     digitalWrite (D10 , C);
     digitalWrite (D09 , B);
     digitalWrite (D08 , A );
   }
```