
Subject: Assmbley with Upp
Posted by [_Seven_](#) on Tue, 20 Feb 2007 01:30:54 GMT
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Hi. I have lessons about programming with assembly in C. My professor show me this funcion as example:

Quote:

```
float AreaCirc(float ray){  
    float area;  
    asm{  
        finit  
        fld dword ptr ray  
        fmul st,st(0)  
        fldpi  
        fmul  
        fstp dword ptr area  
        fwait  
    }  
    return area;  
}
```

and compiling the code appear some erros in this funcion. They are:

Quote:

```
C:\MyApps\teste\teste.cpp: In function `float AreaCirc(float)':  
C:\MyApps\teste\teste.cpp:6: error: expected `(' before '{' token  
C:\MyApps\teste\teste.cpp:6: error: expected asm body before '{' token  
C:\MyApps\teste\teste.cpp:8: error: `finit' undeclared (first use this function)  
C:\MyApps\teste\teste.cpp:8: error: (Each undeclared identifier is reported only once for each  
function it appears in.)  
C:\MyApps\teste\teste.cpp:8: error: expected `;' before "fld"
```

Well, was my teacher that made the code and for this reason the code is right, so where is the problem? I think that he use Borland C or MVS.

Thanks for your help.

Subject: Re: Assmbley with Upp
Posted by [mirek](#) on Tue, 20 Feb 2007 07:40:39 GMT
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Yes, the problem is that GCC syntax for assembly is different.

I suggest you to download free MSC8 compiler to get it work.

Mirek
