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Subject: Re: Distance - geodesic - Vincenty - very accurate  
Posted by [nneilson](#) on Sat, 27 Mar 2010 04:31:41 GMT  
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That glitch is fixed, not yet for all instances.

```
if (ic < 0) ic = 32;
```

And for the multiple spaces:  
changed if (j==1) to if (j==1 && Dms!="")

I tried this and several others:

<http://nneilson.com/apps/Distance.exe>

It still seems strange the integer representation of  
any character would be less than 0.

edit: Still have a glitch, works fine in theIDE and then  
when it is copied to a directory with other apps.  
When I upload and then download the .exe has problems with the extra spaces.  
With Build->clean, Build->Clean UPPOUT I could get the error re extra spaces  
using Debug->Execute but Debug->Run(in debugger) only the break points in the main would  
work.  
Downloaded 2272 and the break points work OK.  
This is with Vista, I think I will try with XP, Vista has been a real pain.

I found the problem with the break points (it had nothing to do with theIDE)  
and only some times with extra spaces.

It checks the latlon for decimal degrees first and I have a comment:

```
// with ', ' '~' but only one  
I will add a count for spaces and if >1 get out of that loop.
```

The code will also work with the input of a GGA GPS sentence so it gets a bit complicated.

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