
Subject: Re: Hello

Posted by [Jeremy Bailin](#) on Fri, 10 Jul 2015 18:45:27 GMT

[View Forum Message](#) <> [Reply to Message](#)

On Thursday, July 9, 2015 at 11:14:12 AM UTC-4, hana3...@gmail.com wrote:

```
> Hello there,
>
> I'm a new totally in Idl. So, I need your help
>
> Actually, I've plotted two axis, consisting of x-axis which represents color index ( e.g. r-i) and
y-axis which represents magnitude (e.g. r) and inside the plot, there is objects (stars) lie in the
models which represents log (g) ( g surface gravity ranging from 7.0 to 9.5) and stars lie between
them. Now, I need to estimate logg for each stars and I have written the code. Unfortunately, my
code does not work.
>
> This my code,
>
> x=fltarr(r-i) ; x-axis
> y=fltarr(r) ; y-axis
> xx=findgen(6)/20-0.72 ; logg
>
> n=0
> while n lt number_of_wd do begin
>   j=0
>   while j lt number_of_stars do begin
>     linterp,x,y,xx,yy
>   endif
>   j=j+1
> endwhile
> n=n+1
> endwhile
> print,transpose(yy)
> end
>
> I'm waiting your suggestions and your help (Please help me)
>
> thanks
> Hana
```

Look at your definitions of x and y.

FLTARR creates a new array of length its argument that initially contains zeros. I don't think that's what you want -- perhaps you just want:

```
x = r-i
y = r
```

-Jeremy.
