
Subject: Hello

Posted by [hana303132](#) on Thu, 09 Jul 2015 15:14:09 GMT

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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

Subject: Re: Hello

Posted by [Helder Marchetto](#) on Thu, 09 Jul 2015 15:22:38 GMT

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What does "does not work." mean:

- 1) IDL give an error message -> Please post the error message
- 2) IDL gives you results that do not match your expectations -> Rethink about your model

Cheers, Helder

PS: there is an "endif" in the middle of the second while loop that should not be there. Try erasing that for a start

Subject: Re: Hello

Posted by [hana303132](#) on Thu, 09 Jul 2015 15:54:22 GMT

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> What does "does not work." mean:
> 1) IDL give an error message -> Please post the error message
> 2) IDL gives you results that do not match your expectations -> Rethink about your model
>
> Cheers, Helder
>
> PS: there is an "endif" in the middle of the second while loop that should not be there. Try erasing that for a start

Thanks for your response

This is a message:

Compiled module: INTERPOL.

% Arrays are allowed 1 - 8 dimensions.

Subject: Re: Hello

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

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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.
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>     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.

Subject: Re: Hello
 Posted by [hana303132](#) on Fri, 10 Jul 2015 19:59:07 GMT
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```

> On Thursday, July 9, 2015 at 11:14:12 AM UTC-4, hana3...@gmail.com wrote:
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> that's what you want -- perhaps you just want:
>
> x = r-i
> y = r
>
> -Jeremy.
```

I'll try that

Tanks

Subject: Re: Hello
Posted by [hana303132](#) on Fri, 10 Jul 2015 20:00:56 GMT
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> x = r-i
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> -Jeremy.

```

I will try that

Thanks

Subject: Re: Hello

Posted by [hana303132](#) on Thu, 16 Jul 2015 02:12:32 GMT

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

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>>>

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>>>

>>> I'm waiting your suggestions and your help (Please help me)

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>>> 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.
>
> I will try that
>
> Thanks
```

Hi,

I have tried this but it does not appear until now

Please help me
