
Subject: Re: FOR LOOP problem

Posted by [David Fanning](#) on Fri, 31 May 2002 21:27:27 GMT

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Shravan Kumar Durvasula (skd6@ra.msstate.edu) writes:

> I am very much new to IDL. Could anyone please tell me what the problem is with
> this .pro file?

>
> *****

```
> image = bytarr(462, 350)
> image_mod = bytarr(462, 350)
> openr, 1, FILEPATH(SUB=['examples','data'], '400_400_gb')
> readu, 1, image
> FOR i = 0, 461 DO BEGIN
>   FOR j = 0, 349 DO image_mod[i,j] = image[i,j]
> ENDFOR
> close, 1
```

> *****
>

> It gives me the following error message :

>
> *****

> % Attempt to subscript IMAGE with I is out of range.

> % Execution halted at: \$MAIN\$

> ENDFOR

> ^

> % Syntax error.

> At: D:\webpages\IONJava\examples\ndvi_pro.pro, Line 7

> *****

I suspect the problem lies in how you are trying to run this program. I recommend you put another END at the end of the program file (after the CLOSE statement), then run it like this from the IDL command line:

```
IDL> .Run ndvi_pro
```

Does that work better? This will compile the code before it tries to run it. I think that will work better for you.

I should point out that you can more easily do what you want to do (and a hell of lot faster!) by simply writing this:

```
image_mod = image
```

Cheers,

David

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