
Subject: Re: Having problems with the modulo operator

Posted by [rmoss4](#) on Thu, 05 Dec 2002 08:41:07 GMT

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Note that $(0 \bmod 4)$ equals 0 always, and since you have i starting at 1, your condition (as you wrote it) will never be satisfied.

I think what you want is

if ($i \bmod 4$) eq 0 then

This will execute the iff statement every 4th time.

Robert Moss, PhD

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Nate Doyle wrote:

```
> Hi everyone,
> I'm having an annoying problem. My program is skipping over a loop
> that I have. Specifically it's skipping over the if bit of my code.
> I pasted what I have at the bottom of the message. The while runs
> just fine but when I get down to the eleventh line of the code it just
> keeps on running. What am I doing wrong? I've tried the 0 mod 4 bit
> with and without parens.
>
> Thanks in advance
>
> Nate
>
> i=1
> new=replicate(data_comp_struct,200)
> line=' '
> linearr=[' ']
> while not EOF(lun) do begin
>   readf,lun,line
>   line=strcompress(line)
>   line=strmid(line,strpos(line,' ')+1,strlen(line)-1)
>   linearr=[linearr, strsplit(line,/extract)]
>   if linearr[1] eq '{' then linearr=linearr[2:]*]
>   if i eq (0 mod 4) then begin
>     for j=0,n_elements(linearr)-1 do begin
>       linearr=linearr[1:]*]
>       exp_time_correct,linearr
>       data_comp_struct.(j)=linearr[j]
>       new[i/4]=data_comp_struct
>       print,new[0]
>       data_comp_struct=reset
```

```
>         linearr=[' ']  
>     endfor  
> end  
> i=i+1  
> endwhile
```
