
Subject: how to create a loop?

Posted by [Thomas Nehls](#) on Thu, 11 Mar 2004 15:09:43 GMT

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Hi,

I want to create a loop, in which an array is filled pixel by pixel.
Like this $a(n) = a(n-1) + C*d$

I tried this

```
new = indgen(3,400,400)
runner= indgen(3,400,400)
```

```
FOR g= 0,255 DO BEGIN
grey = imageA[2,*,*] eq g ; so grey is my mask, containing the greylevel
```

```
FOR j=0,2 DO BEGIN
new[j,*,*] = runner[j,*,*] + imageB[j,*,*]*grey ; Image B contains
the colors I want to employ
new = runner
ENDFOR
ENDFOR
```

My questions: (i) is the runner appropriate to do what I want or are there better ways to do this?
(ii) is the "+" the right way to fill the array pixel by pixel?

The results were not very exciting, I got a grey diagonal striped image...
Thank you very much
Tom
