
Subject: Re: Setting values in an array without usings loops
Posted by [Nancy W. Pearson](#) on Fri, 25 Jul 2003 14:47:43 GMT
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Johan Marais wrote:

```
> I want to create a circle consisting out of ones but without the use of for
> loops. here is how I do it with the loops. Anyone that can help?
>
> r = 33
> mask = intarr(2*r,2*r)
> for m=0,2*r-1 do begin
>   for n=0,2*r-1 do begin
>     if ((m-r)^2 + (n-r)^2) gt r^2 then mask[m,n] = 1
>   endfor
> endfor
```

```
IDL> m = shift(dist(2*r),r,r) gt r
```

TTFN,

David Grier
