
Subject: circles

Posted by [lady of the elves](#) on Wed, 09 Jul 1997 07:00:00 GMT

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[incidentally, I'm new to this language :)]

I'm trying to create a two-dimensional array, such that tvscl of the array will show a filled circle. So far, my best idea has not worked--but here it is:

x and y are one-D arrays of 200 elements such that plot,x,y produces a circular shape, but not filled.

```
for round1=0,199 do begin
  for round2=0,199 do begin
    if (y(round1) eq y(round2)) then begin
      circle(y(round1),x(round1):x(round2))=2
    endif
  endfor
endfor
```

A circle is composed of boundary points such that: for each x, there are two y's and for each y, there are two x's--right? If I fill between the y's, I should have a circle....right?

I would really like to have a circularly-filled array; if anyone has better knowledge, please let me know :)

Thanks.

-gzb
