

```
%parametric method-circle
%using matrix
clc;clear all;close all
xc=input('enter x-value : ');
yc=input('enter y-value : ');
r=input('enter radius -value : ');
th=0;
dth=1/r;
j=1;

while th<=2*pi
    x=xc+r*cos(th);
    y=yc+r*sin(th);
    x1(j)=round(x);
    y1(j)=round(y);
    th=th+dth

    j=j+1;

end

axis ([0 100 0 100])
hold on
plot(x1,y1,'--bx')
```