Answer according to avestion No. 1

\$1 11 0 0 1 18 0 0 1 18 may 30 to 1 2891 10

Name: Md Labib
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ID: 9180301280

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you late frame

* 6 " 6 " 7 1 "

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SI - William (1) Sport - Colombia				2.4	
68	۴,	Ni+1 / 7/+1	2 Miel	2 Zyitl	
- D	-19	1, 16	2	32	
1 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	-12	2,16	4	20032	į.
2 (a	-7	3,16	(6.c.)	32	C11.300
13 3	0.	4,16	8	32	To 51 1 1 5
4	9	5,15	10 V 85 - 643 V	tugmi cabri	n .nt
5	-10	6,15	12	30	2010
0/2/0			•	2	gade 'b

min and il printing or travert Ni. (PK>O) one one on 9. + 2x5 - 2 × 15 +1 = 10+10 - 30 = -10 (PLCO) PG = -10 + 2x6 +1 = 10 + 13 = 3000 + 10000 +000000 P(Ph < 0) 3+. 7x2-2x14+1= 14+4-28 JPKEROCO) -10 + 2×8 +1 = -10 + 17 = 7 19 (20) = 7+ 2×9 - 2×13+12 18+8-26 = 0 / Terminates (Peco) 21 3 t1 = 0 + 2×10 Pio $21 + 2 \times 11 - 2 \times 12 + 1 = 22 + 22 - 24 = 20$ PHOO: 127 it1 2007111 Mits, Tits Pi -3 7, 14 28 la 14 6 8/14 28 40 16 7 26 18 8 9,131 7 26// Terun 20 9 10/13 0 24 11,12 10 21 22 2 D 12,11 11 26 13,00 23 12 20 b29 13 30 28 18 (PK>0) 20 + 2×11 +1 = 21 + 24 -(PK70) +2x13-2210+1=24+.26 Py

Therefore the coordinates of circle are:

	The state of the s		
Quadrant	Quadran 2	Luadirant	Quadran)
(N,Y)	(-11,4)	(-74,-4)	(214)
6,16	0, 16		(4-16)
1, 16	-1, n ** *	1, -16	1 -16
2, 16	-2, 16	-2,16	0/25 -16
3, 16 00 =	13 - + Bell = 17	-3, -16	11.3 -14
4, 16	1 2 216 Min 12 Min	-4, -16 S ()	1+124, - 116 / 1
5, 15	-5, IT	-5; -15 -1 -15	5, -18
6,15	76, 15	-6, -18	6, -15
7, 19	ارم م	-7, -14	7, - 14
Today Lune 7		-8, -14	8, -14 8
8,14	MS	9, - 13	9, 213
9,13	-9,13	41.11	1, 213
(0	-10, 13	-10, -13	10 - 13
13,10	-13,10	-13/-10/	013, -10
15 48,89	- 13, 5	-13,-9	139,-9
019/8	-14,8	- 141-8	100 14, -8
714,7	-14,7	- 14, -7	14, - + 0
15,6	-12/8	- 15,-6	15, -6
16/5	-15,5	15,-5	
) - 8	15, -5

continued Q, QL -116,54 1000g 1111 mg with of -16,4 16, 4 water 3 dans born or withour night -16,3 16, 3 -115,-2 m 7016/15/201 111 -16, V 16,2 -16,-1 dong 6, -1 wow of musei. _ 16, 1 16,1 16,0 -16:0 -16,0 16,0 There are 2 conditions for this Mid point algo. NK41 = NK 4) YK+1 = YK Pull = Px + 2x xxx1 +1

 $P_{k+1} = P_{k} - 2 \times P_{k+1} \rightarrow 2 \times X_{k+1} + 1$



The algo for Mid point algo is
Input radius in and winds winter (Me, 12),
then set the coordinates for first point on
circumference of circle centre on origin
as:

(No, Yo) = (0, v)

* earchate to initial value of decision parameter

as

Po = T 19N × XX + NY = 11NY

Starring with 420, at each position mu,

Pertorm tu following test. If Pu co, the

next point along the irrule control on (0,0) is

(24+1, 74) and

By +1 = Px + 2 xxxx +)

otherwise the next point along to direct is (Mx+1, 4u-1)

PK+1 = Pk + 24K+1 +1 - 24K+1

Determine symmetry points in oten seven octants.

Nowe each calculated pinel position (n, y) onto the circular path antred at (n, th) to plot to condinate values.

n: n + 7 L 7 = 7 + 4c

Repeat 3 and 5 until 71 7= y