(1) Psendocode:

Algorithm: Will the inner thingle of a circle contains the center?

Procedure: Circle(N). Initial C=0 For 3=1.2..., N

For i= 1.2.3

X: ~ C(1, 1)

11X-10-11 = 3 11- X12

X1 X2 + Y1 /2 20. and X1 X3 + Y1 /3 20 and Vetum  $\{(x_i, Y_i) : i = 1.2.5\}$ 

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do do xx + Yz /3 20, than

C= C+

return o