V-3

from math import \*

from math import factorial

print('Введите Xbeg, Xend, Dx и Eps')

xb = float(input('Xbeg='))

xe = float(input('Xend='))

dx = float(input('Dx='))

eps = float(input('Eps='))

print("+--------+--------+-----+")

print("I X I Y I N I")

print("+--------+--------+-----+")

xt = xb

while xt <= xe:

an = xt

n = 0

y = an

while True:

k=xt\*factorial(n)/factorial(n+1)

an = an\*k

y = y + an

n = n + 1

if abs(an) < eps:

break

print("I{0: 7.2f} I{1: 7.3f} I{2: 4} I"

.format(xt,y,n))

xt = xt + dx

print("+--------+--------+-----+")

