108 學年度 第一學期 中考 資工	系 姓名 粮咸宁 學號 130729046
/, u) f(x) = \(\frac{10}{50} \) (x; 10, \(\frac{1}{10} \))	4. b(xin,p) = (x) px q n-x
import scipy-state as st	P(x; u) = xx · e-u
prob > st. binom .pmf (k-x, n=10, p=0-1)	
X=0 = 0.3481 X=7 = 0.0001	
x=1 = 0.3874 x=8 = 0	
X=> = 0-1937 X=9 = 0	
X=3 = 0.0574 X=10 = 0	
X=4 = 0.0112	
X=5 ≥ 0.0015	
x≥b ≥ 0.000	
2) EQJ = NP = 10 x to =1	
(3) Std [x] = + = 0.9 > + > 10	
(4) E 10 (X i 10. 100-X)	
· (1) fw(w) = P(w;100) = e-00 x (100) w	
(2) E(W] = 100 std (W) = J100 = 10	
E CW3 + Stol [W] = 110	
(3) Ep P (W; 100)	
(4) P(W>170)	
(5) 拒絕;傷差值過音	
(3) 01-10 1 100	
(1) 1- st. binom · cdf (k=10, N=100, P=	005)
0-0115	
(2) P(XZ10 P=5%) = P(X=10)	
P=5%" = X > 10" 和 体化小	
但"X>10" 确実存在	
>> 9 ~9 > ~ P	
P=>~9 9> ~P	

(請翻面繼續作答)