	(A. sis gn mend no 12)
Aust	Application of X' distribution
0	Croodner of fit test
(2)	X test of independence.
0	@ Observed Enjected
1	Mon- 1124 - 1120 Expelis valu
	Tu 1125 1120
	wed 1110 1120 E Nod parts
	Thu 1120 1120
	$\frac{6n}{1126}$ $\frac{1120}{1120}$ = 6720
	Sat 1115 1120
进。	= 1/20
	Ho! It follows uniform distribution mean d is
	Ha i It doesnot follow uniform distribute.
-5	df = k-p-1 k= no of samples p= no of
-	=6-0-1=5 Parameter
	at 0.05 signficance led x20.05,5= 11.070
	(rulical
	X2= 5(0-E) = (1124-1120) + (1125-1120) - (1115
	E 1120 1128 -1120
	X2 = 0.18.
	X2 < X2 which
	We will rug not regid null hypothes
	thus it is independent of day
1	Coopped with ComCoopper

	Oate : _ / _ / Page No
Ans 3	$(n-1)s^2 = x^2 - 110.25$
	
	X onlead at 49 dd (50-1)
	and
	Now at (n-1) 52 (n-1) 52
~ · ·	X2 n-1, d/2 n-1, = 1/2/2
	49 × 152 -2 < 49 × 152
	32.36 X 49,0.015
<u>.</u>	6773
bank -	163.33 4 62 2 340.69 49,0.975
	1
	Now or = 100 and it doesn't his in
	the interval so we reject the null
	the interval so we reject the null hypothesis:
	the second of the second of the