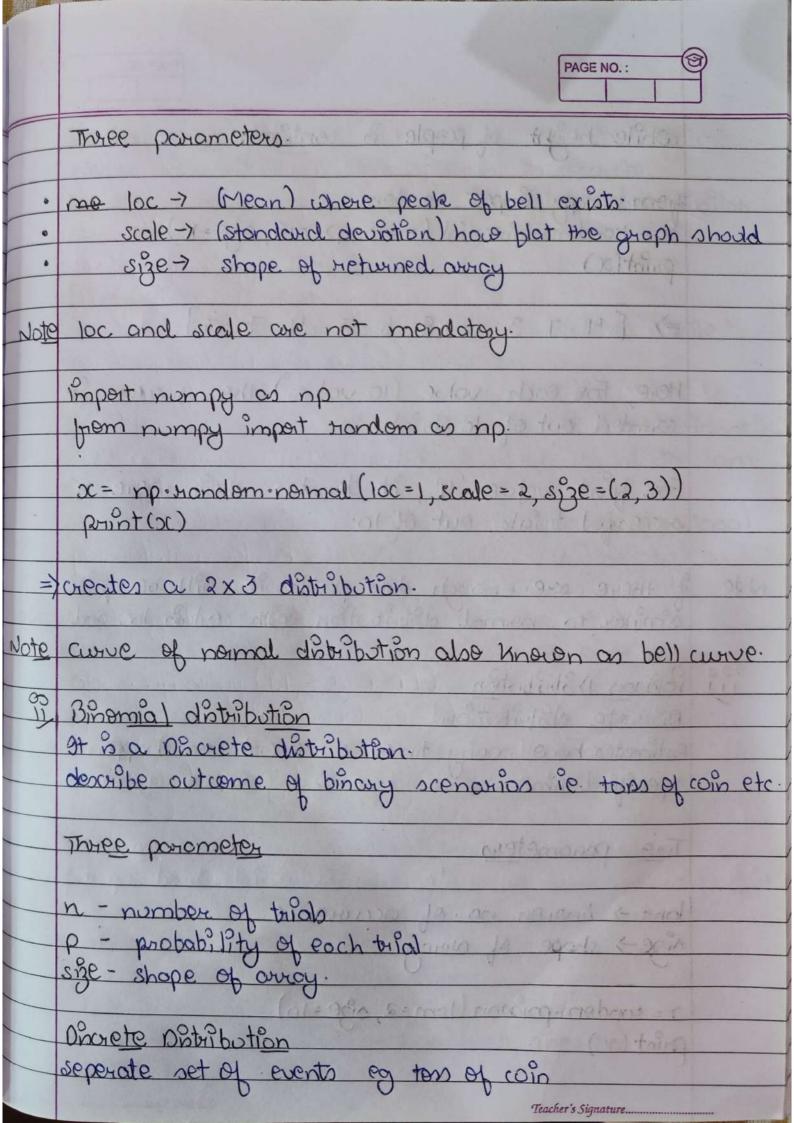
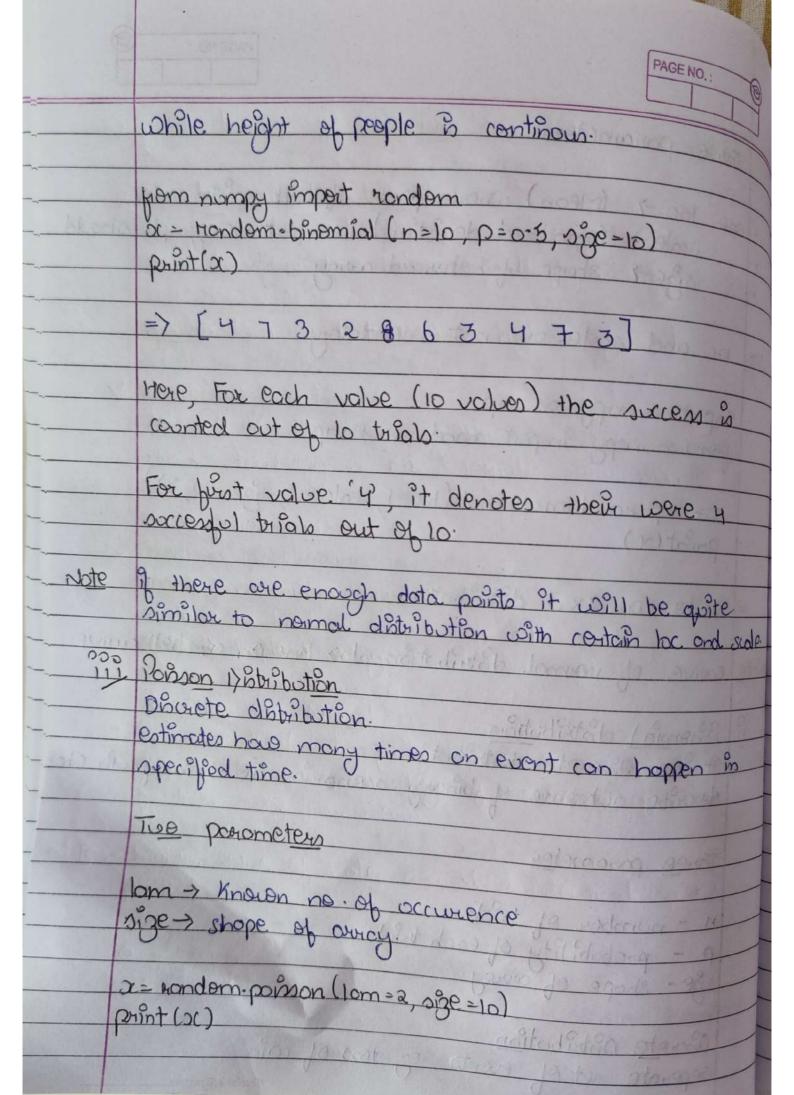
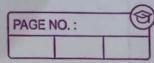
6	PAGE NO.:
	Seaborn
	the second to from the major to be analy
0	Vigualization 1) intribution 19 bray that uses Matpletlib to plot graphs. Used to vigualize random distribution. Orplota Stands for distribution plots. Takes away as input. plots a curve corresponding to the distribution points.
Note	Matplotleb is used to do no.
-63	import malphotlib. pyplot as plt import seaborn as ons
	sno.doplot ([0,1,2,3,4]) plt.show()
	"b we do not want histogram the we can use porom "kind = "kde"
	sm. dhplot ([0,1, 2, 3, 4], kind = 'kde')
3	Ment important distribution Also colled Gaussian distribution. Fits probability of many events eg > IO score, heartbeat
	(we use random normal() method.

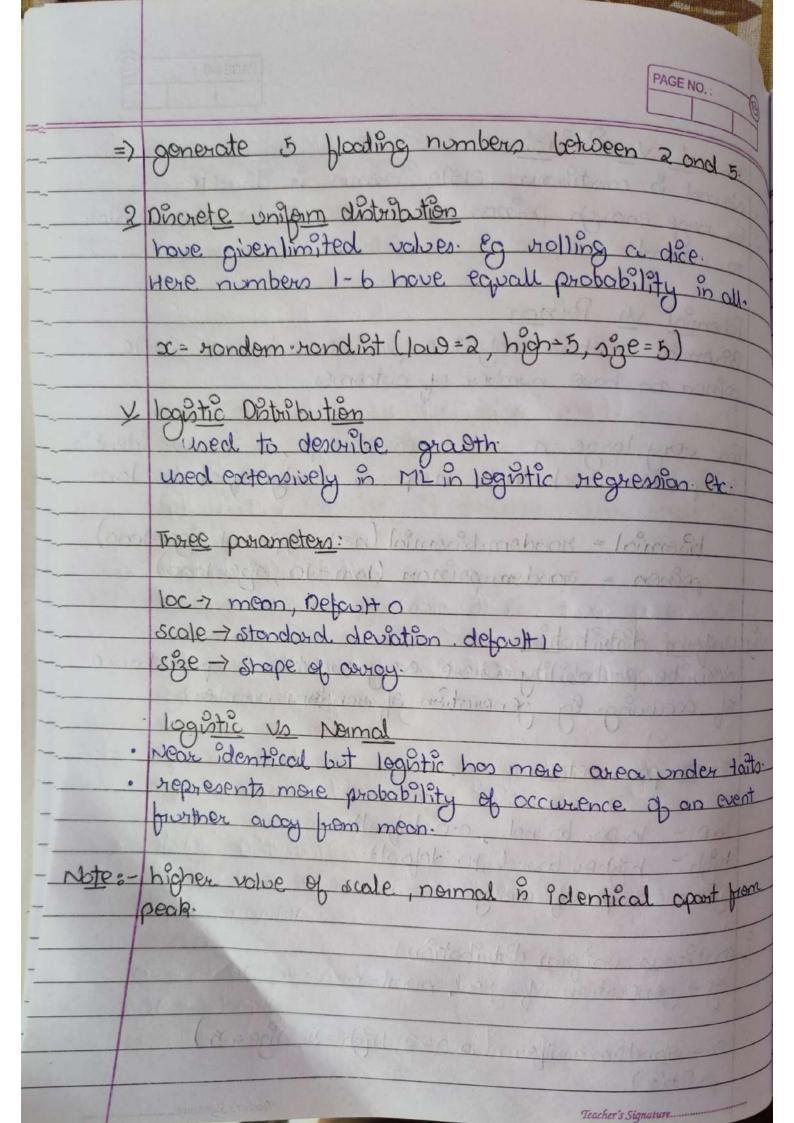


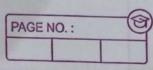




Teacher's Signature..

	Normal Vs Painson
	Normal à continaux while Person à d'aurete.
0	For large enough poisson value it will become similar
	to normal
-	· Ho se stilledod org. Mayor sworl d - 1 swodieren 2011.
	Binemial vs Poinson
	Binomial can have only two possible outcome while
	poisson can have number of outcomes.
	mantudadad Satisfally
	For very large n and near-zerop, et à near identica
	For very large n and near-zero p, et is near identica to poinon such that nep is nearly equal to lam.
	and the state of the same and t
	binomial = random. binomial (n = 1000, ρ=0.01, size = 1000)
	poisson = random.poisson (1am=10, size=1000)
P	loc. o man Delpith of the 100
iv	Uniform distribution de altre de la color
	describe probability where every event has equal chance
	describe probability where every event has equal chance of occuring. Eg generation of random numbers.
	WOORA AT STERROR
Clip	Three parameters
77	as as property of the state of the same state of sail a
	las - lower bound, o-o defoult
	high - higher bound for defoolt.
	size - shape of away.
^	
1	continous uniform distribution eg -> generation of real number.
_	eg > generation of real number.
_	
_	x= random-uniform (low=2, high=5, sige=5)
_	Parint(x)





Teacher's Signature.....

VII	Multinemial distribution
	Denou alination of home and district to
•	describe rubbabilities of multinomial scenarios eg blood type
	Three parameters
	रहाक्षेत्रप्रवास ४३ उपस्थाति = क्षे
	n - no of trails prab- 1st of probability outcomes.
	puals - 12t of probability autromes.
	sige - shape.
Note	Multinomial samples will not produce a single value. They will produce one value for each puol.
	will produce one value for each puol.
161	
	x= random. multinomial (n=6, pvals[1/6] 6])
-	west reach for cool they have twice and they
VII	Expenential Distribution
9 62	used in describing time fill next event eg pailure/success
-	paten jo anada - saa
	Two parameter
13-63	buildighon reighand is only too be the the only
	Scale - inverse of rate o default is 1.0.
	size - shape.
	A STATE OF THE STA
	Relation Between Poisson & Exponential
	point deals with number of occurances of an event
	in a time period.
	exponential distribution deals with time, between these
	events.
	A CONTRACTOR OF THE PARTY OF TH

	PAGE NO.
200	used as a basis to verify the hypothesis
- Not have	Two parameters
	ab- degree of freedom
	$\alpha = \text{random chisquare } (d_1 = 2, size = (2,3))$
677	sns-displot (x) plt-shows()
- ix	Rayleigh Notribution used for signal processing. It has two parameters:
- Ayval	scale - decide how Hat distribution will be default to
- Note	At unit std and a deg of freedom rayleigh and chi
	Breto Distribution breton land je 80-20 distribution (20% jactor cause de
	e-shape
	Teacher's Signature