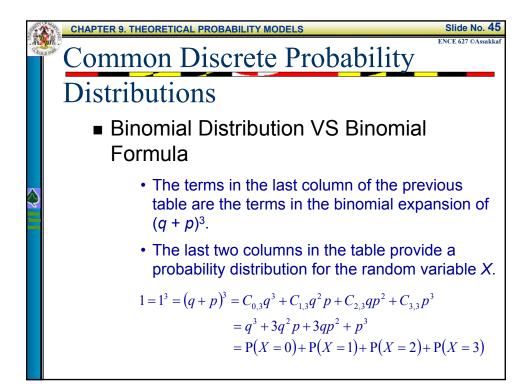
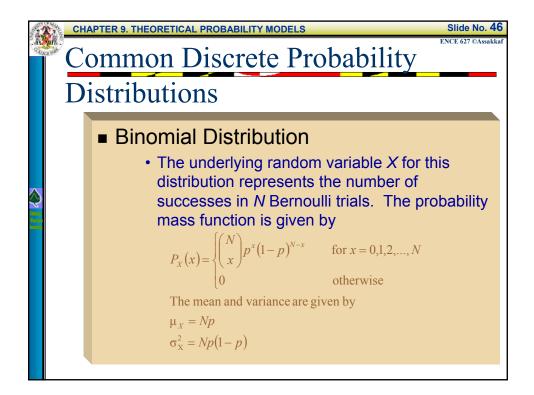
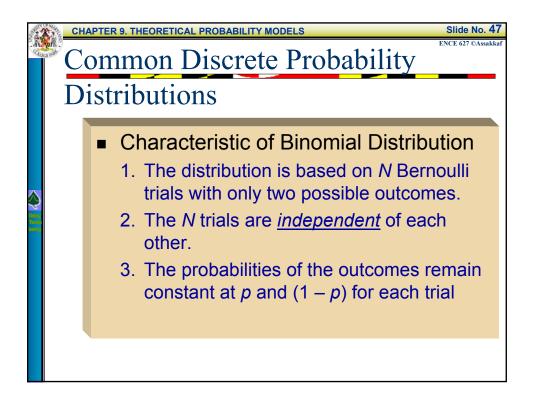
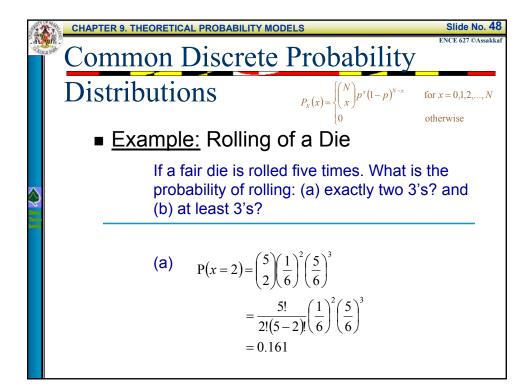


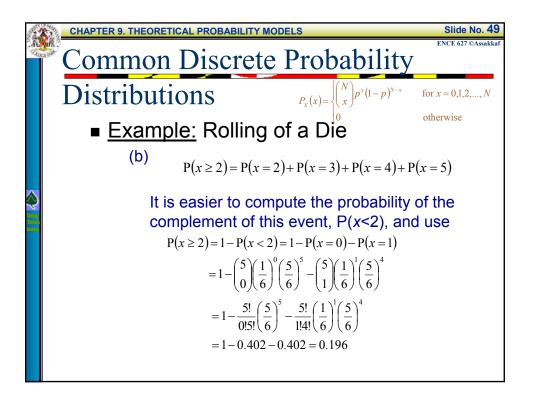
ALC: NO		CHAPTER	9. THEOR	ETICAL PROBABILI	TY MODELS		Slide No. 44					
0.00	Common Discrete Probability											
		Distributions										
	I.	Three Cars Example										
		Outcome		Probability of Simple Event	Frequency	<i>x</i> successes in 3 trials	$\mathbf{P}(X=\mathbf{x})$					
\diamond)	BBB	FFF	$qqq = q^3$	1	0	q^3					
Caba Tara Lari	Y	BBG	FFS	$qqp = q^2p$								
		BGB	FSF	$qpq = q^2p$	3	1	$3q^2p$					
		GBB	SFF	$pqq = q^2p$								
		BGG	FSS	$qpp = qp^2$								
		GBG	SFS	$pqp = qp^2$	3	2	$3qp^2$					
		GGB	SSF	$ppq = qp^2$								
		GGG	SSS	$ppp = p^3$	1	3	p^3					

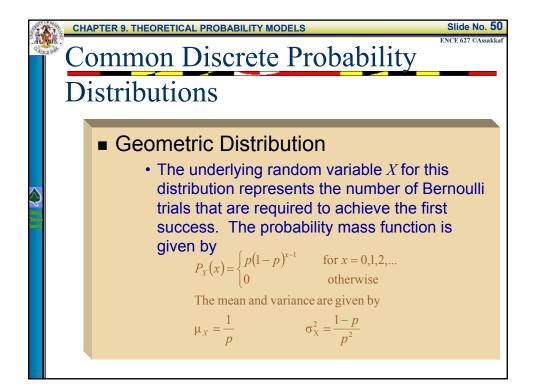


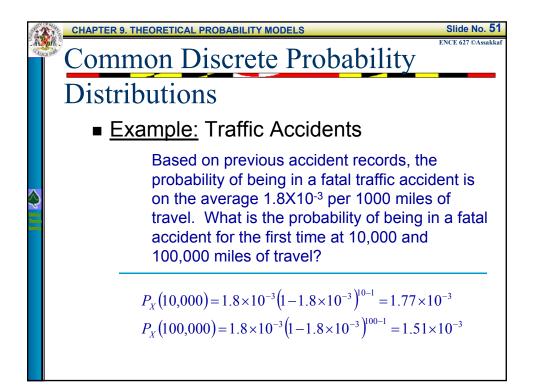


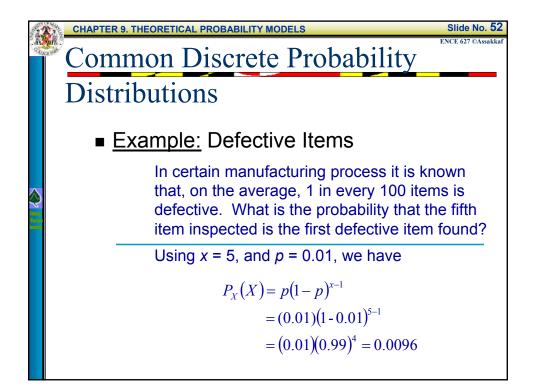


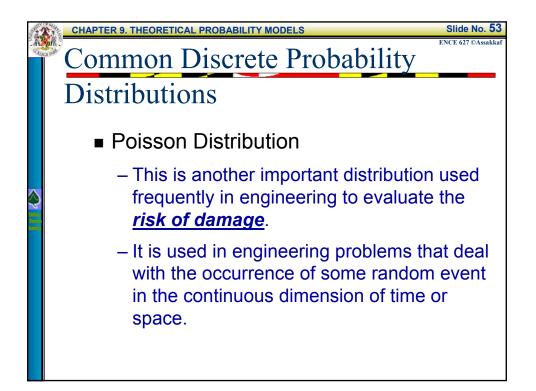


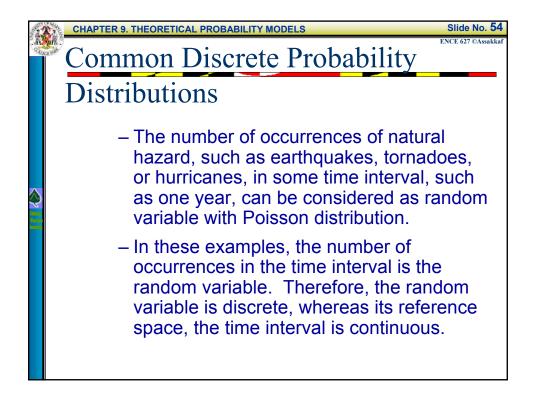


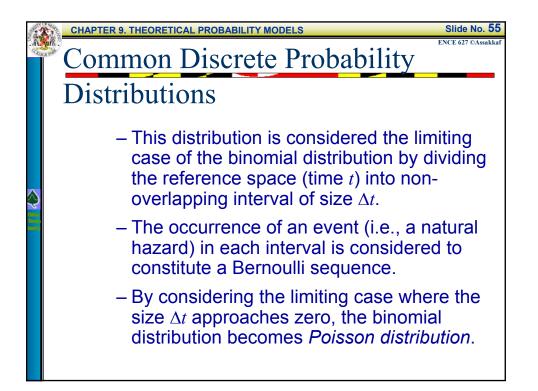


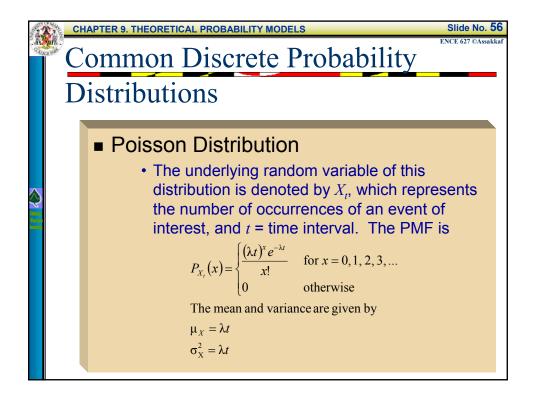


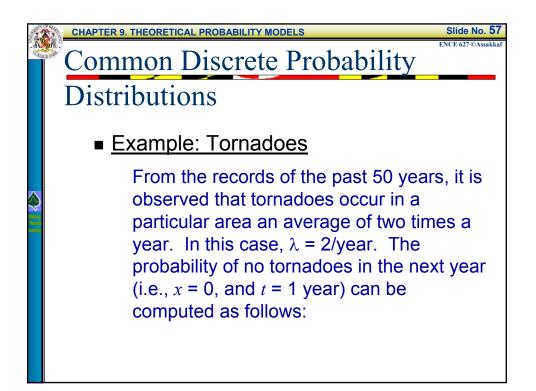


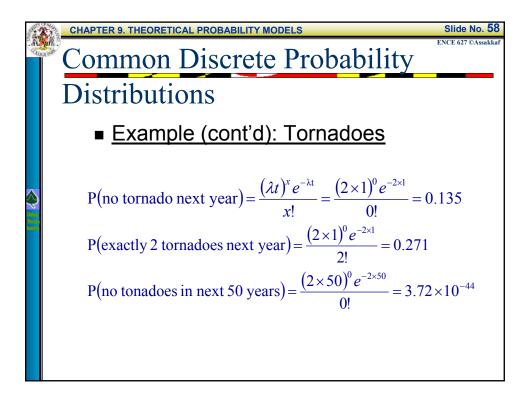


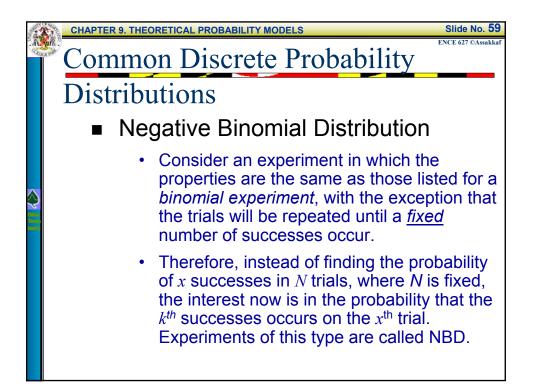


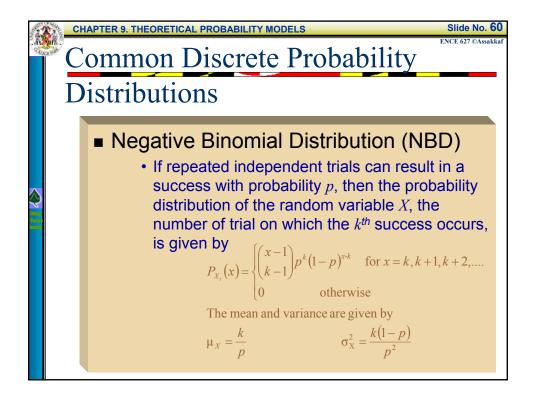


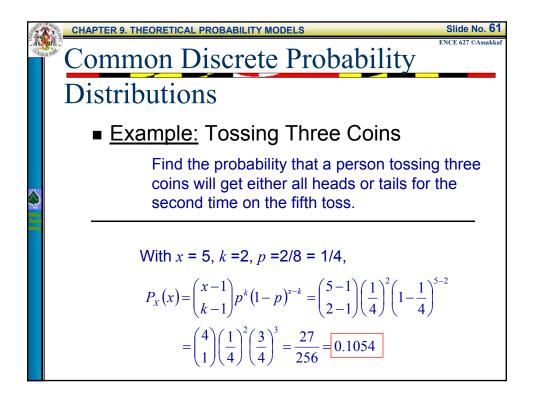












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 944	Common Discrete Probability										
	Distributions										
	Example (cont'd): Tossing Three Continue Contemporation										
		O	utcome	Number of Heads	Frequency						
		TTT		0	1						
		(TTH), (THT), and (HTT)		1	3						
		(THH), (HTH), and (HHT)		2	3						
		(HHH)		3	1						
		-									

