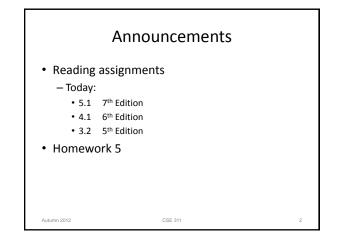
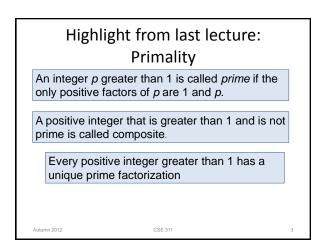
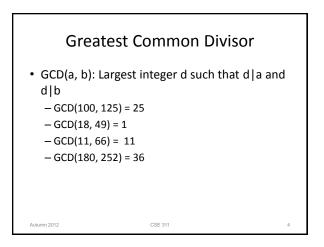
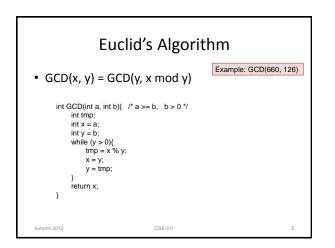
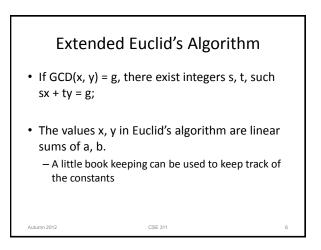
CSI	E 311 Foundations or Computing I	f
	Lecture 14 Euclid's Algorithm Mathematical Induction Autumn 2012	
Autumn 2012	CSE 311	1

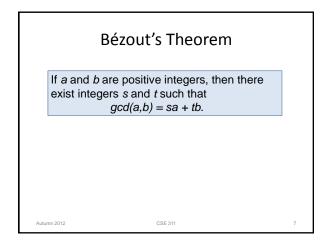


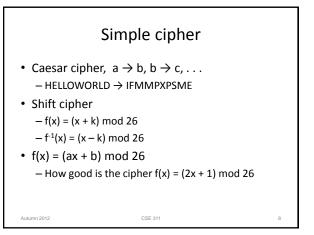




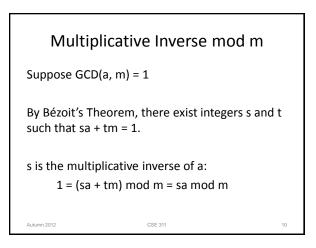


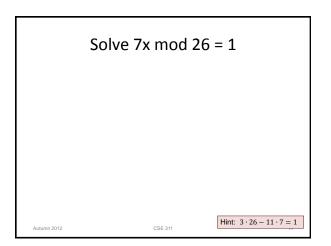


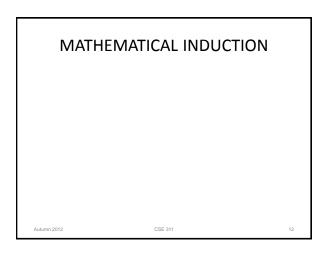


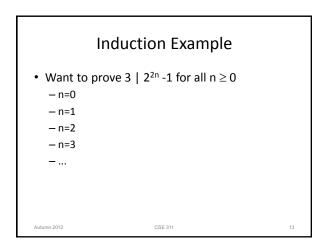


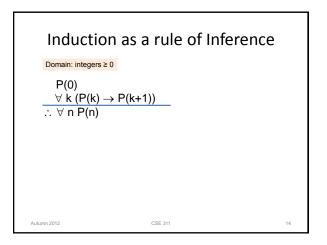
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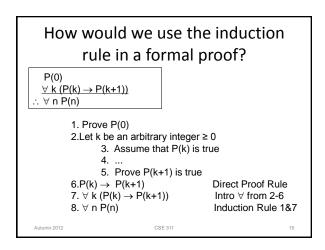


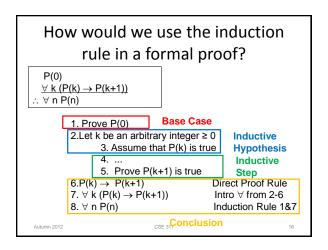


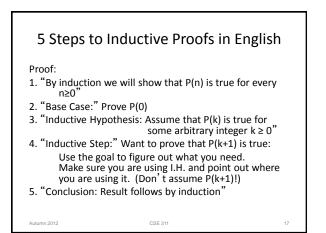


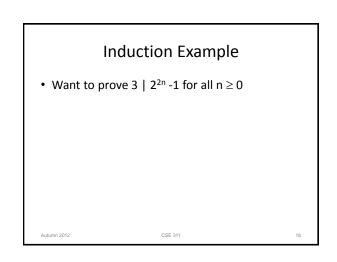


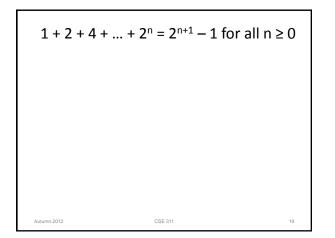












1+2+...+n = 
$$\sum_{i=1}^{n}$$
 i = n(n+1)/2 for all n≥1

