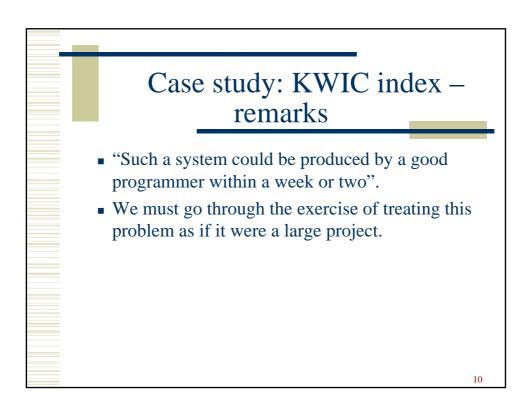
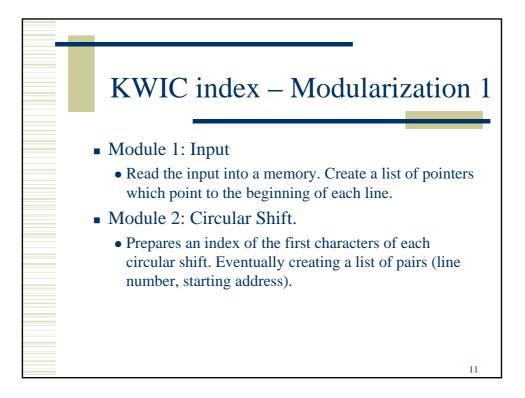
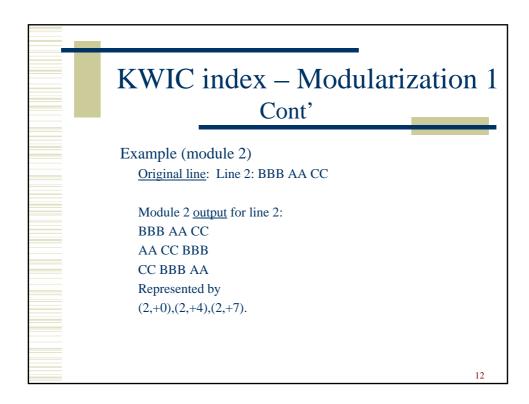
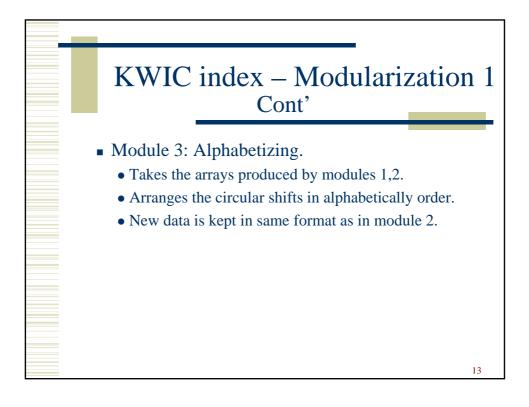


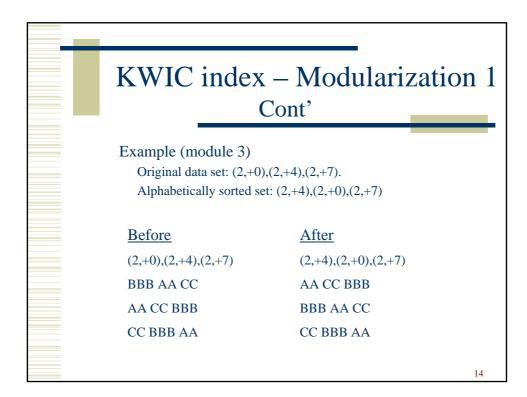
KWIC inde	x – Modularizati	ion 1
• Example:		
Input	Output	
AA CC BBB	AA CC BBB	
CDCD ABA	BBB AA CC	
	CC BBB AA	
	ABA CDCD	
	CDCD ABA	
		9

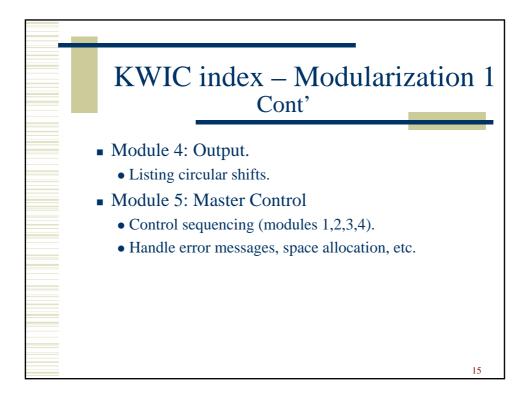


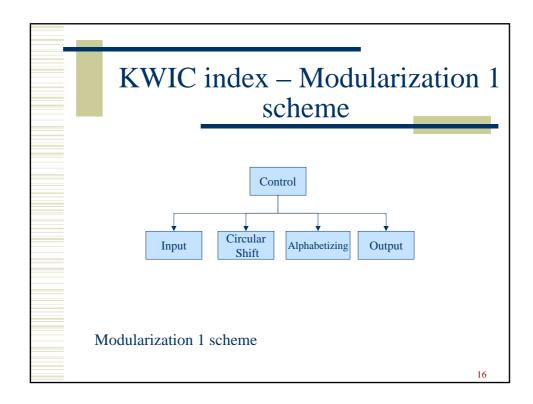


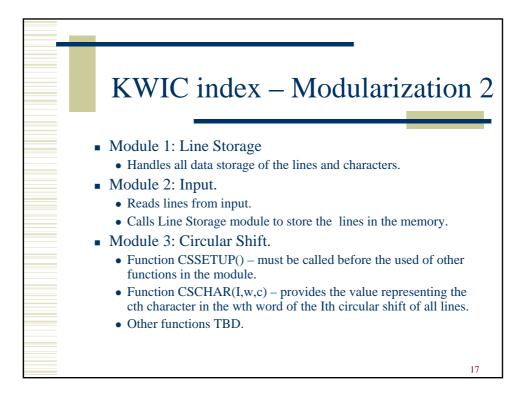


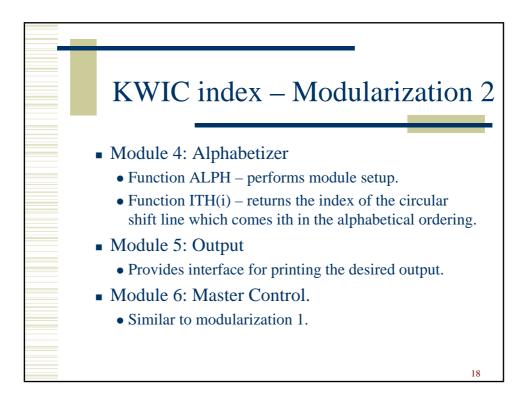


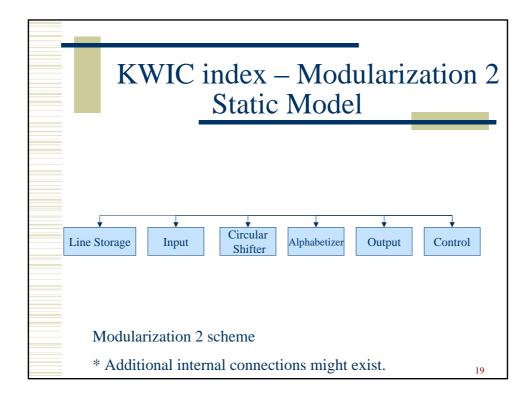


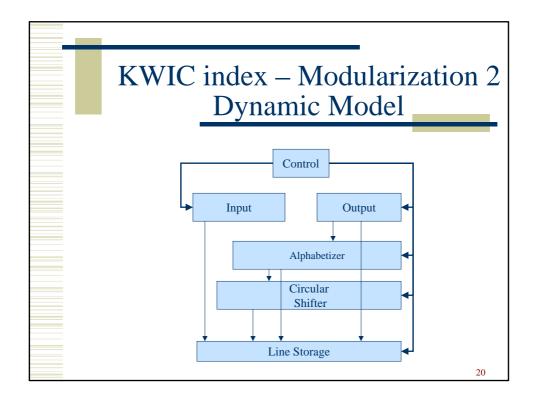


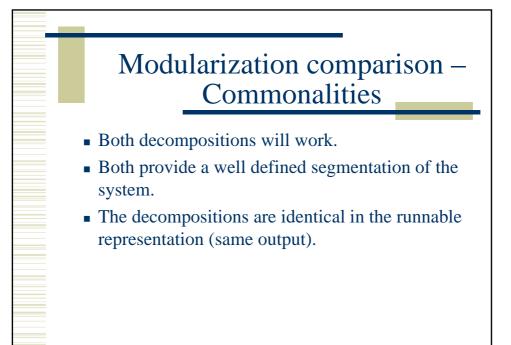


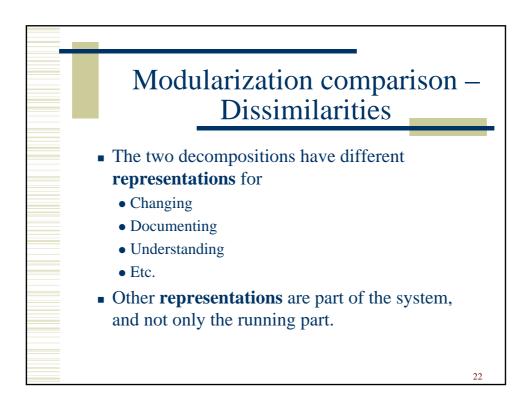


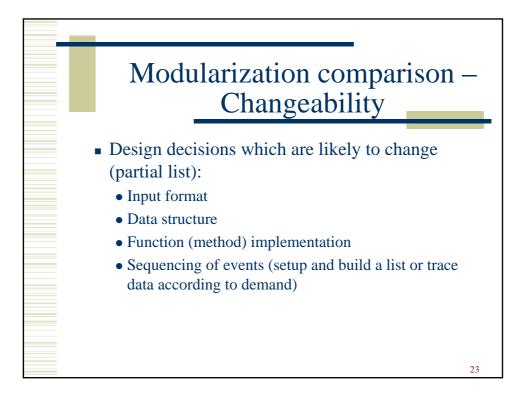




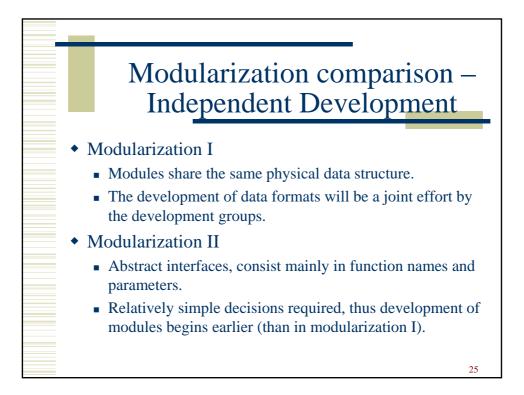


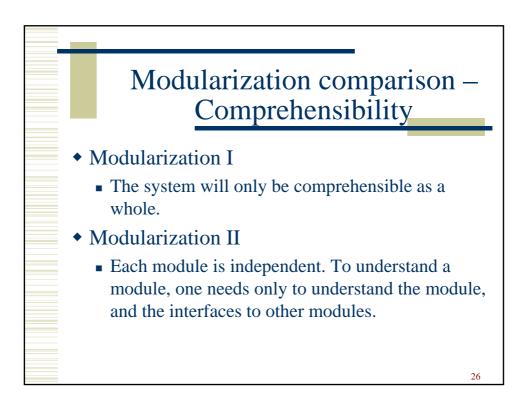


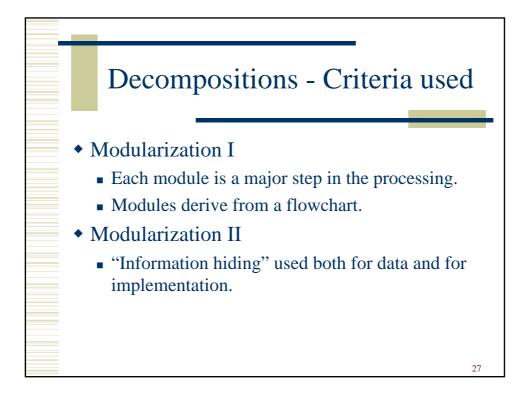


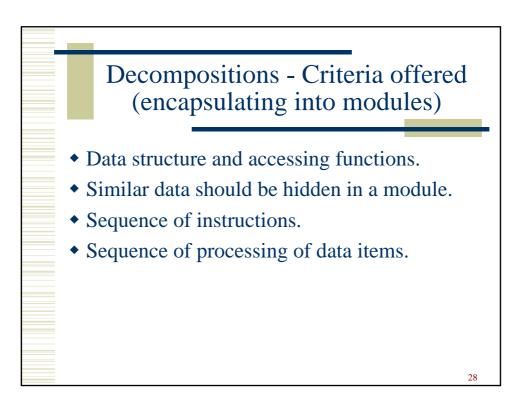


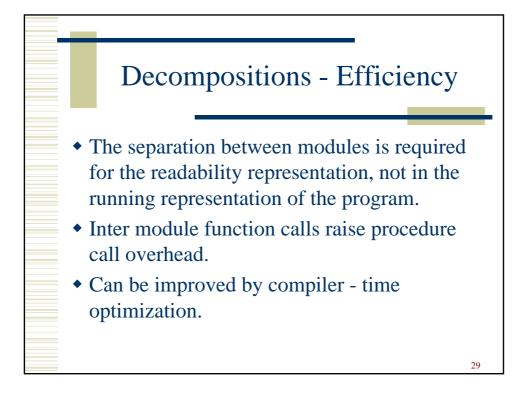
Modularization comparison – KWIC Changeability examples				
Change Modular	I	II		
Input format	Input module	Input module		
Data packing	All modules	Line Storage module		
Circular shift format	Alphabetizer, output, circular shifting modules	Circular shifter module		
Alphabetizing	Output, alphabetizer	Alphabetizer		

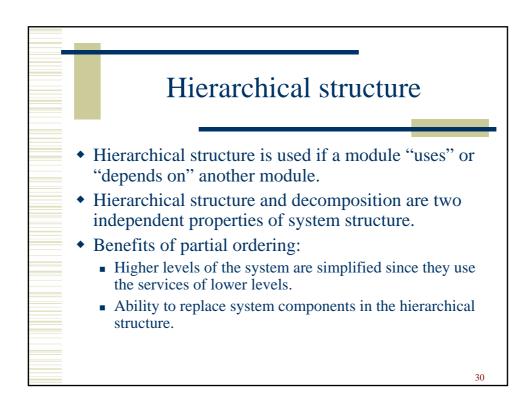


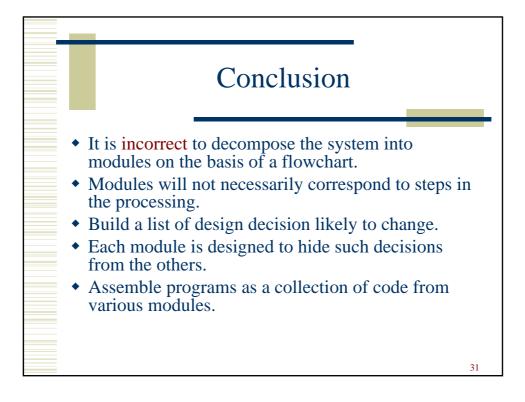


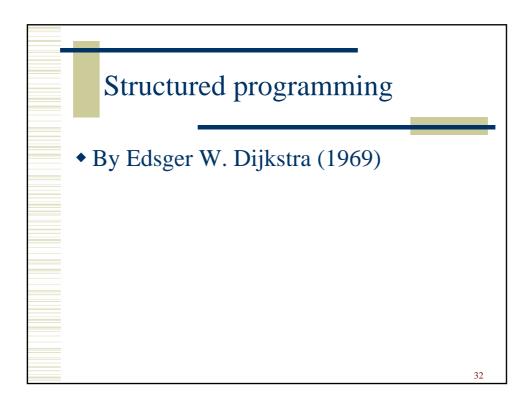


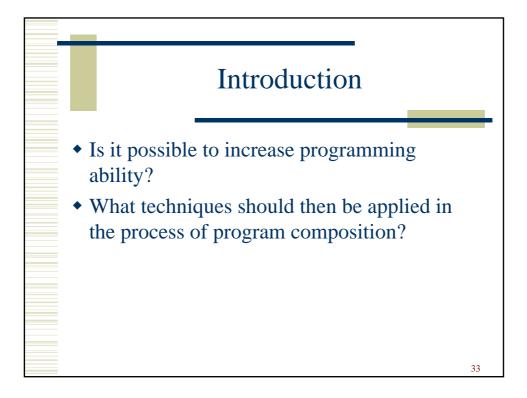


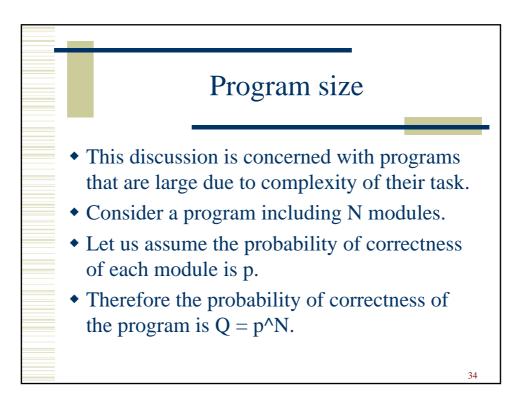


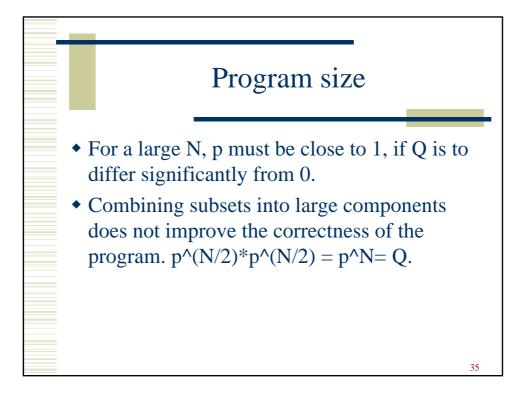


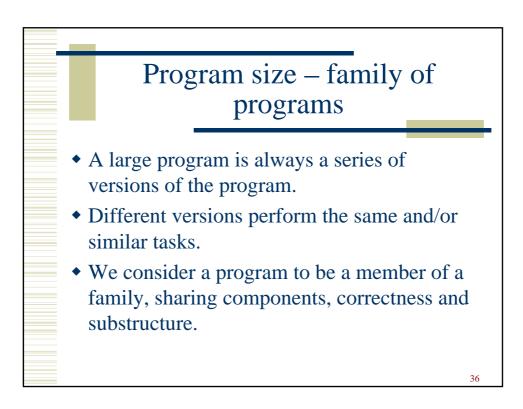


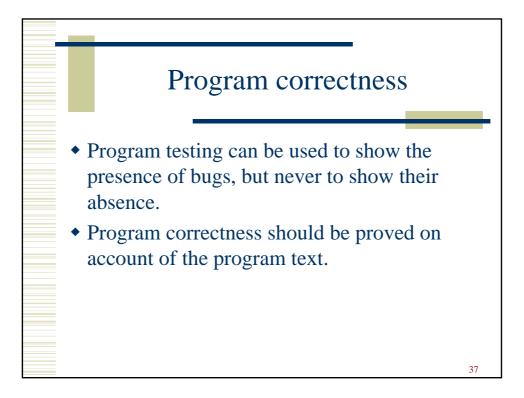


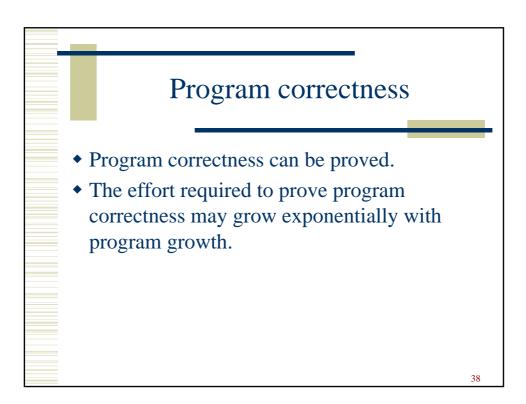












## The relation between program and computation

• When programs are expressed as linear sequence of statements, sequencing should not be controlled by statements transferring control to labeled points (e.g. goto statements).

39

