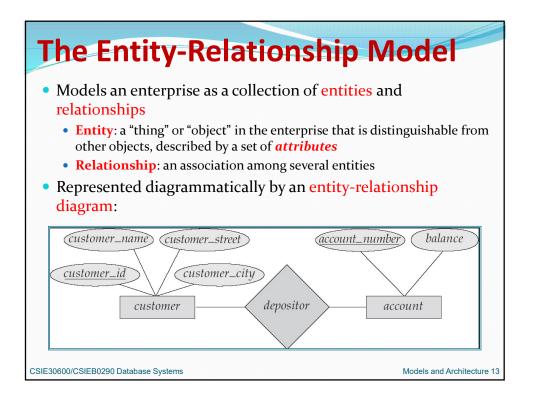
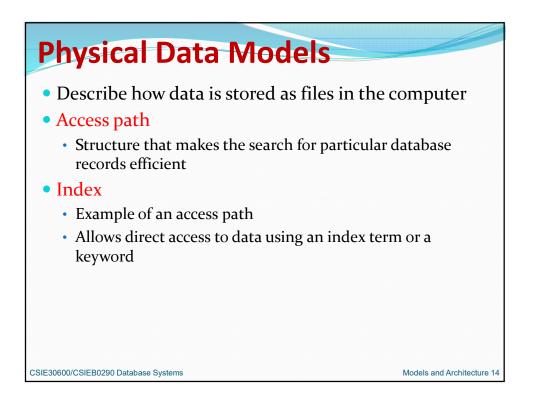
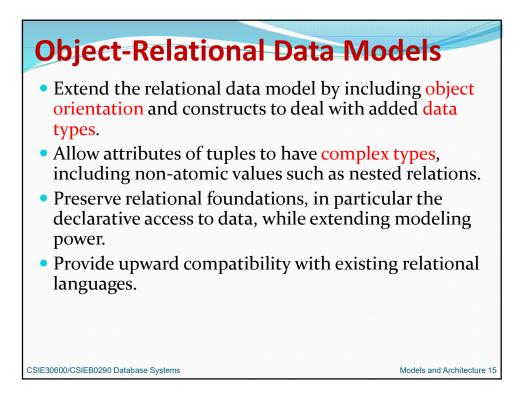


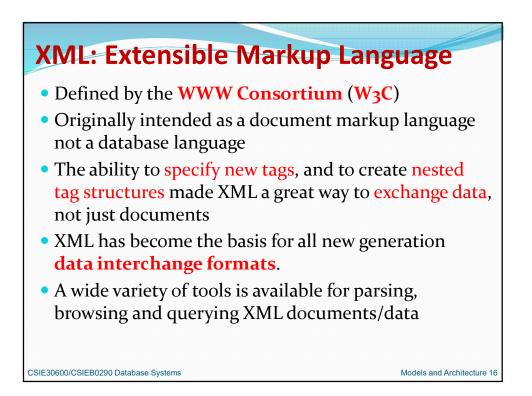
elational Model						
Relatio	onal mod	lel represe				
Attributes(Columns)						
		Table				
customer_id	customer_name	customer_street	customer_city	account_number		
192-83-7465	Johnson	12 Alma St.	Palo Alto	A-101	← Rows	
192-83-7465	Johnson	12 Alma St.	Palo Alto	A-201	/	
677-89-9011	Hayes	3 Main St.	Harrison	A-102		
182-73-6091	Turner	123 Putnam St.	Stamford	A-305		
321-12-3123	Jones	100 Main St.	Harrison	A-217		
336-66-9999	Lindsay	175 Park Ave.	Pittsfield	A-222	¥	
019-28-3746	Smith	72 North St.	Rye	A-201		
30600/CSIEB029	0 Database Syster	ns	· •	J	Models and Architecture 11	

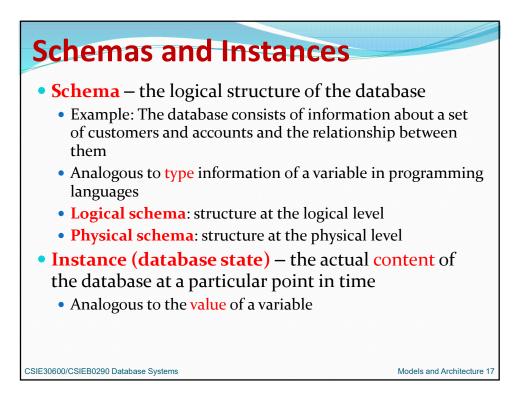
customer-id	customer-name	customer-stree	p†	customer-city	
192-83-7465	Johnson	12 Alma St.	Palo Alto		
019-28-3746	Smith	4 North St.		Rye	
677-89-9011	Hayes	3 Main St.		Harrison	
182-73-6091	Turner	123 Putnam Ave.		Stamford	
321-12-3123	Jones	100 Main St.		Harrison	
336-66-9999	Lindsay	175 Park Ave.			
019-28-3746	Smith	72 North St.			
	(a) The	customer table		, , , , , , , , , , , , , , , , , , ,	
account-numb	er balance	customer-id	acco	ount-number	
A-101	500	192-83-7465		A-101	
A-215	700	192-83-7465	A-201		
A-102	400	019-28-3746	A-215		
A-305	350	677-89-9011	A-102		
A-201	900	182-73-6091		A-305	
A-217	750	321-12-3123	A-217		
A-222	700	336-66-9999	A-222		
	ount table	019-28-3746	A-201		

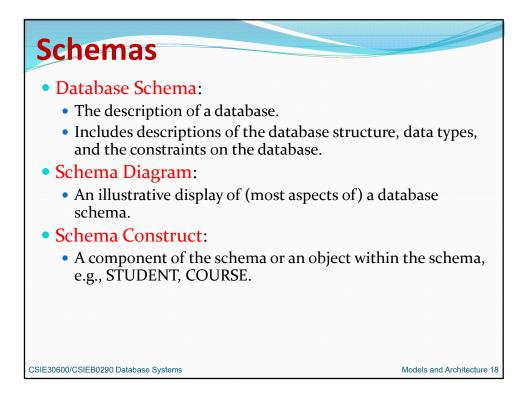


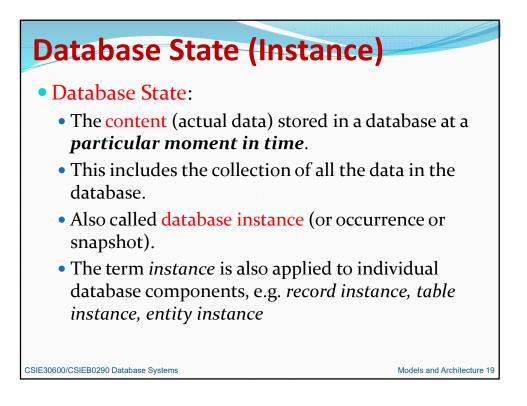


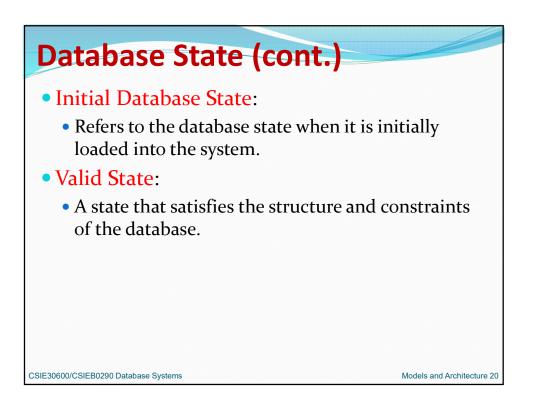


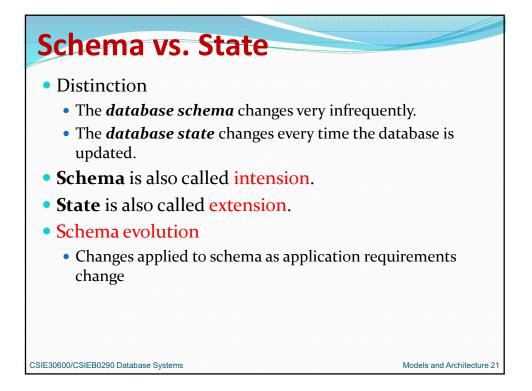












Exampl	e: Data	base	Sc	hen	na
STUDENT					Figure 2.1
Name Student_	number Class	Major			nema diagram for the atabase in Figure 1.2.
COURSE					
Course_name C	ourse_number C	redit_hours	Depart	ment	
PREREQUISITE Course_number SECTION	Prerequisite_numb	per			
Section_identifier	Course_number	Semester	Year	Instructo	r
GRADE_REPORT	Section_identifier	Grade			
CSIE30600/CSIEB0290 Datab	ase Systems				Models and Architecture 22

	COURSE						
	Course_nam	ne	Course_number		Credit_hours		Department
	Intro to Computer \$	Science	CS1310		4		CS
	Data Structures		CS3320		4		CS
	Discrete Mathemat	ics	MATH2410		3		MATH
	Database		CS3380		3		CS
			_number	Semester		Year	Instructor
	85		H2410	Fall		04	King
	92	CS1		Fall		04	Anderson
	102	CS3		Spring		05	Knuth
	112		12410	Fall		05	Chang
	119	CS1 CS3		Fall		05	Anderson Stone
	135	033	380	Tan		00	Stone
	GRADE_REPORT	_					
	Student_number	Secti	Section_identifi				
	17		112		в		
	17	119 85		С			
	8				A		
	8	92		A			
	8	_	102	В			
	8		135		A		
	PREREQUISITE						
	Course_number Prer		requisite_number				
	Course_number	Prere	quisite_iii				
Figure 1.2	Course_number CS3380		CS3320				
Figure 1.2 A database that stores student and course		(-				

