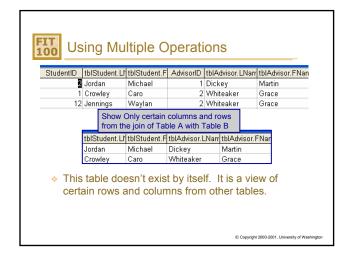


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## The ability to construct tables from other tables. The five basic operations on tables are Select Project Union Difference Product Join is a powerful operation created from product/project/select Table operations allow the data to be exhibited to users in whatever form they want

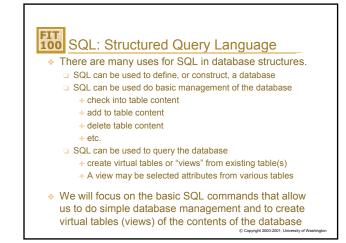
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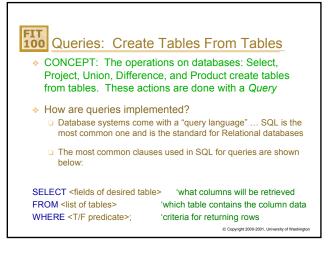
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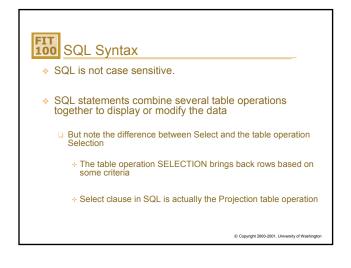


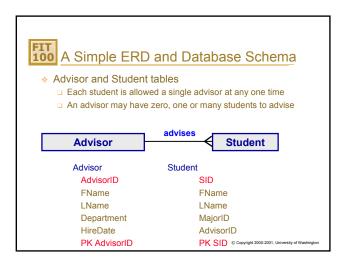


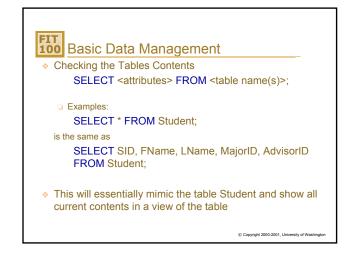
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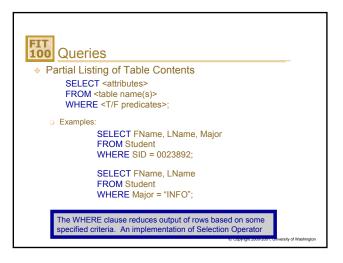


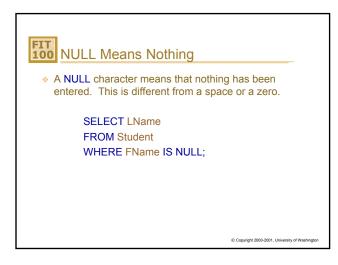






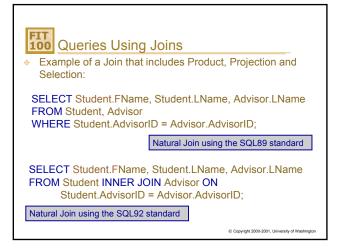


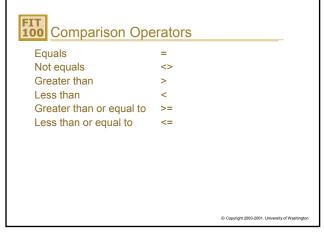




ORDER BY Sorting Out	tputs
<ul> <li>Sorting in descending order</li> </ul>	
SELECT StudentID, Name FROM Student ORDER BY Name DESC;	
<ul> <li>Sorting in ascending order</li> </ul>	
SELECT StudentID, Name FROM Student ORDER BY Name ASC;	
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FIT 100 Preparing fo	or a Join
<ul> <li>Example of a Prod</li> </ul>	luct and Projection Operation:
SELECT Student.F FROM Student, Ac	
	Notice that I indicate the table name with the attribute when I have more than one table in the FROM statement. Specifically when I have attributes with the same name in different tables. This is called Table Qualification
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## FIT 100 Queries

 Using Relationship Operators for criteria involving non-key attribute and/or criteria involving key attributes

Examples:

SELECT FName, Lname FROM Advisor WHERE HireDate >= 1987;

SELECT FName, LName, Major FROM Student WHERE SID < > 0023892;

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