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CIS120/17 Course Page

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Programming: Logic, Design and Implementation (CIS120/17)

Weekly Schedule

On Friday the 6th of December Jess and/or I can stay for a long help session from around 10 to 4. This is dependent on 10 students telling me that they will be able to stay for several hours for help - so email me if you would like to attend.

Schedule by session	Information to cover
	<p>Please note that the first assignment is at the bottom of the list posted here. You should do the work in order! I may add to the weekly schedule during the course of the week, so please check back multiple times. Please keep copies of all work you submit until you receive your final grade at the end of the semester.</p> <p>Work must be submitted by the Thursday after it is assigned.</p> <p>Note that the audio and Smartboard presentations for each class are posted within a couple of days.</p>
Week #15 Week of December 9th	<p>Catch up week! I will be in K101 on Monday from 11 to 1:45, on Tuesday and Thursday from 9:30 to 1:45 for help and questions.</p> <p>Your final for the 11:00 class is scheduled for Tuesday, December 17th at 10:30 and the final for the 12:30 class is scheduled for Tuesday, December 17th at 12:45. I will post the final prior to class on December 10th. You will have one week to complete the final. It must be passed in prior to the start time for your final. Online students should pass the final in by 12:45. Remember, this is an online final that must be emailed according to the instructions on the final.</p> <p>Homework is due the last day of class which is December 12th. I will take a couple of things after that but only a couple and right after the weekend... If you are not going to be able to meet that deadline, we need to talk!</p>
Week #14 Week of December 2nd	<p>I will be available for help and advisement at 10 on Monday and on Tuesday and Thursday at 1:45. I will also come in on Friday the 6th if I get commitments from 10 students.</p> <p>We will look at relational databases and implementation in Access. On Thursday, we will have a guest speaker.</p> <p>Normalization (3rd normal form)</p> <p>Student 4 table database</p> <p>It is course evaluation time and the evaluation is now available at the elearning site for this course.</p> <p>Assignments:</p> <p>Database assignment</p>
Week #13 Week of November	<p>I will be available for help and advisement at 10 on Monday and from 4 to 6 on Monday. Tuesday I will be available at 1:45 for about an hour and Jess will also be available.</p> <p>Please finish reading the text.</p> <p>This week we are going to briefly return to HTML and discuss your portfolio and then we will move on to looking at databases if there is time. We have a guest speaker from Meditech during part of the class.</p> <p>Relational databases and third normal form.</p> <p>It is course evaluation time and the evaluation is now available at the elearning site for this course.</p> <p>Assignments:</p>

11:18 AM 12/5/2013

Multiple table (relational) database:

cust table	order table	orderitems table	inv table
custid PK	ordno PK	ordno first part PK	itemno PK
custname	custid	itemno second part PK	name
adr	date	quantity	price
			onhand

Set up these four tables in Access and populate them. When you populate, be sure that you make the fields that link the same type and size. So custid should be the same type and size on the cust table and the order table.

Look at the queries below when you populate the table so you will have data to test.

Now do these queries using the user interface:

- Use two tables that relate and do a query using two things in an and relationship.
- List the customer number, the customer name, order number, itemno quantity, itemname where the itemno is greater than a certain number or the quantity is greater than a certain amount.
- List all of the information where the quantity is greater than a certain amount AND either the price is greater than a certain amount OR onhand is greater than a certain amount.

Now do these queries using SQL (remember you need to paste the SQL queries you write on the email or a separate document or text file and include them with the database).

- Use two or more tables that relate and do a query using two things in an or relationship
- List the customer number, the customer name, order number, itemno, itemname and two criteria in an and relationship.
- You three tables and set up a criteria where one thing has to be true and in addition either of two other things has to be true.



