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CIS-17B

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**Outline for Lecture – 2/19/2024**

* New Assignments on code-e – sign-up, truth table, review
* Three out of the four new assignments are really important to start this class.
* Logical Operators
* Review on Booleans and Boolean operators – similar to homework assignment.
* Have to utilize structured programs and data in projects.
* Structure data initially used to build database.
* Examples of table – specifically table titled STUDENT.
* Capitalization of table name is for convention.
* Should use variable names that are 7 characters or less.
* Databases should be compact and small, so limit unnecessary use of large data types.
* With tables in databases, you can use dot operator with column name instead of index.
* All the things that belong in a user library have to be put above the code.
* Don’t use doubles unless necessary which they usually are not.
* Ways to read in data from a table.
* Arrays, static arrays, data structures.
* How to get data from tables.
* In terms of complexity we will get as far as nested structures.
* We’re going to us references to reference databases.
* Explanation of reference variables.
* Passing in a copy of a variable is slower than a reference.
* Working on CIS5 review.
* Code-E is very punctual. One space of could make question incorrect.
* Code-E back story.