CIS 353 Notes

Week 4

SQL

A list of tasks on a white sheet

Description automatically generated

A white text with black text

Description automatically generatedA table with black text and black letters

Description automatically generated

Variable Type:

* Int
* Numeric(P,D)
  + Floating date/decimal points
  + 5467.423
  + Numeric(7,3)
  + P tells now many digits in number
  + D tells how many digits after decimal point
* DateTime
  + YYYY:MM:DD hh:mm:ss
* Varchart2
  + Strings
  + Char(20)
  + () This tells how many memory blocks to use

A close-up of a computer code

Description automatically generatedA screenshot of a computer

Description automatically generated

We Have to use desc employee to get display of table

Adding new Columns:

* You cannot just add it in this create part because the table has already been assed to the database
* Add column: alter table employee add salary int;
* Modify: alter table employee modify salary varchar(20);
* Rename column: alter table employee rename column empname to name;
* Drop column: alter table employee drop column salary;
* Rename table: alter table employee rename to emp;
* Drop Table: drop table employee;

Constraints:

* Not NULL
* Default
* Primary & Foreign
* Unique
* Check

A computer code with text

Description automatically generated with medium confidence