**CS Notes 9-15-2021**

**Types of Control Structures**

* Sequential
  + One statement at a time
  + Left to right
  + Top to bottom
* Selection
  + Conditional
  + Single Selection
    - Execute a block of code or not
  + Double Selection
    - Choose 1 of 2 blocks to execute
  + Multiple Selection
    - 3 or more blocks of code to choose from
* Repetition
  + Take a block of code and repeatedly execute it

**Relational Operators**

* True or false conditional statement
* < (less than operator)
* > (greater than operator)
* <= (less than or equal to)
* >= (greater than or equal to)
* != (not equal to)
* == (is equal to)
  + Other logical Operators
    - && - “and”
    - || - “or”
    - ! - “not”

**Control Structure Arrangements**

* Alone
* Stacked
* Nested