### Write a short note to describe the following data types and give examples of specific functions of each in data structure implementation.

* Tables
  + A table is simply an array of records.
  + All records must have the same type and number of fields.
  + A use for tables would be bus times, flight times at the airport or employee records.
* Arrays
  + Arrays group together multiple variables of the same class type under one name.
  + The array can be access using it’s index
  + It has a fixed size
  + Can be used for shopping lists
* Boolean
  + The boolean data type represents one bit of information.
  + There are only two possible values: true and false.
  + This data type is used for simple flags that track true/false conditions.
  + The default value is false.
  + Example: boolean one = true
* Stacks
  + First in Last Out methodology
  + Data can be added to the top and only the data at the top can be taken out first
* Queue
  + First in First out methodology
  + Data can be added only to the tail (back of queue) and only removed from the front (head of the queue)