Data Structures in C:

1. Abstractions – High level description of a structure
2. A queue and a stack are abstract data structures
3. This means they’re up to the programmer to decide how they work.
4. Queue = FIFO
5. Stack = LIFO
6. Enqueueing – Adding elements
7. Dequeueing – Deleting elements
8. when we type the following code:
   1. typedef struct {
   2. …
   3. …
   4. } queue;
9. We are actually creating a data type with the name queue. Its structure is a struct, with whatever we defined inside it.
10. If we did not write typedef, then we would just have a single structure called queue.
11. But now that we wrote typedef, we can reuse the word queue to create a similar data type whenever we want.
12. typedef just allowed us to create a data type essentially.