Threading is a sequence of instructions in a program that can be executed independently of the remaining process. You can see them as different units of your process that do jobs independently when scheduled. If they need to wait for a slow external operation to finish (such as a network request, or disk access), they sleep for a while and enable the scheduler to spend time executing another thread.

The queue module implements multi-producer, multi-consumer queues. It is especially useful in threaded programming when information must be exchanged safely between multiple threads. The Queue class in this module implements all the required locking semantics.

The defaultdict is a subdivision of the dict class. Its importance lies in the fact that it allows each new key to be given a default value based on the type of dictionary being created. A defaultdict can be created by giving its declaration an argument that can have three values; list, set or int.