

M1.1.d: Memory Management in Python

Garbage Collection

Python have an in-built garbage collector, which recycle all the unused memory and frees the memory and makes it available to the heap space.

ie., Python deletes un-needed objects (built-in types or class instances) automatically to free the memory space. The process by which Python periodically reclaims blocks of memory that no longer are in use is termed Garbage Collection.

Python's garbage collector runs during program execution and is triggered when an object's reference count reaches zero. An object's reference count changes as the number of aliases that point to it changes.

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