Languages support auto garbage collection

Several programming languages support automatic garbage collection, which helps manage memory allocation and deallocation without explicit programmer intervention.

Here are some popular languages that provide built-in garbage collection:

- **Python:** Python is a dynamically-typed language that includes automatic garbage collection. It employs a technique called reference counting, where objects are deallocated when no references to them exist. Additionally, Python has a garbage collector that handles cyclic references.
- **Java**
- **C#**
- **JavaScript**
- **Ruby**
- **C++ (with smart pointers):** Although C++ is traditionally not associated with automatic garbage collection, it provides mechanisms such as smart pointers (e.g., std::shared_ptr, std::unique_ptr) that enable automatic memory management. Smart pointers use reference counting or ownership semantics to automatically deallocate memory when objects are no longer needed.