**Types of memory where we are setting our data in c and c++**

1. **Stack Memory**: Fast, automatic, limited size, used for local variables.
2. **Heap Memory**: Dynamic, manually managed, larger, used for dynamic allocation.
3. **Global/Static Memory**: Persistent, automatically managed, used for global and static variables.
4. **Constant Memory**: Read-only, used for constants and literals.
5. **Memory Pools**: Custom, efficient, used for specialized memory management needs.