What is a user-defined constructor and its role in initialization?

A constructor you create to **initialize object fields** with custom values when the object is created.

▼ Role: Sets values directly during object creation.

Array vs Linked List (brief):

Feature	Array	Linked List
Size	Fixed	Dynamic
Access	Fast (O(1))	Slow (O(n))
Insertion	Slow (shift needed)	Fast (update pointers)
Memory	Less (no pointers)	More (extra pointers)