Solidity Data Types

Value Types

uint/int	uint256, int128...
address	20-byte Ethereum addr
bool	true/false
bytes1-32	Fixed-size bytes
enum	User-defined states

Copied when assigned
Stored directly in memory/storage

Reference Types

arrays	uint[], string[]
mappings	mapping(K => V)
structs	Custom data types
string	Dynamic UTF-8
bytes	Dynamic byte array

Passed by reference
Require data location (storage/memory/calldata)