

A

list1 = [, ,]

memory a b c

list2 = [, ,]

Detailed description: This diagram illustrates a linked list structure. At the top, 'list1' is assigned a list of three empty slots separated by commas. Below this, the word 'memory' is followed by three nodes labeled 'a', 'b', and 'c'. From each of these nodes, an upward-pointing arrow indicates that they are pointed to by the three slots in the 'list1' array. Below the 'memory' row, 'list2' is assigned another list of three empty slots, but no arrows are shown pointing to it.

B

list1 = [, ,]

memory a b c

list2 = [, ,]

memory a b c

Detailed description: This diagram is similar to Diagram A but includes a second 'memory' row. The top part is identical: 'list1' points to nodes 'a', 'b', and 'c' in the first memory row. Below this, 'list2' is assigned a list of three empty slots. A second 'memory' row is shown at the bottom, also containing nodes 'a', 'b', and 'c'. From each node in this second memory row, a downward-pointing arrow indicates that they are pointed to by the three slots in the 'list2' array.