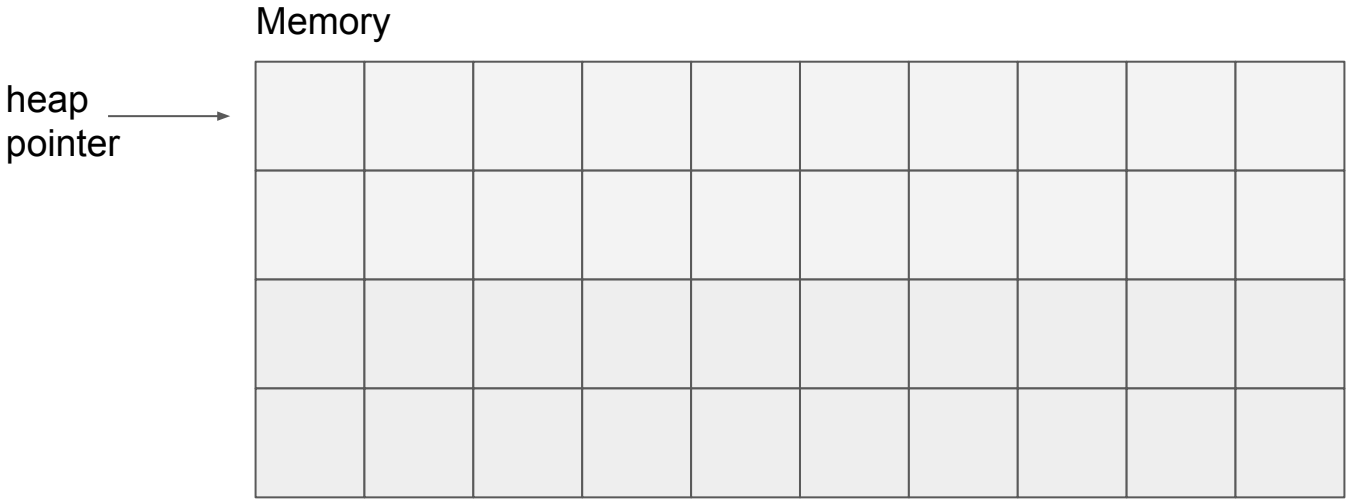
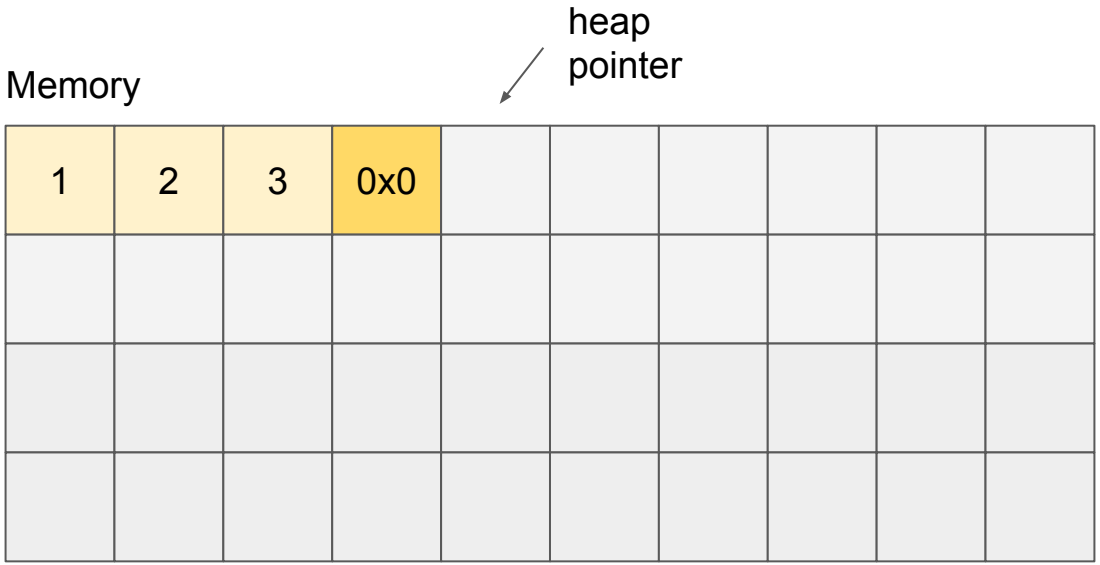
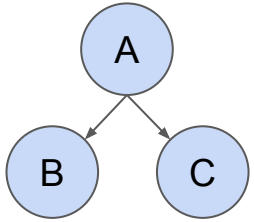
Initially empty heap



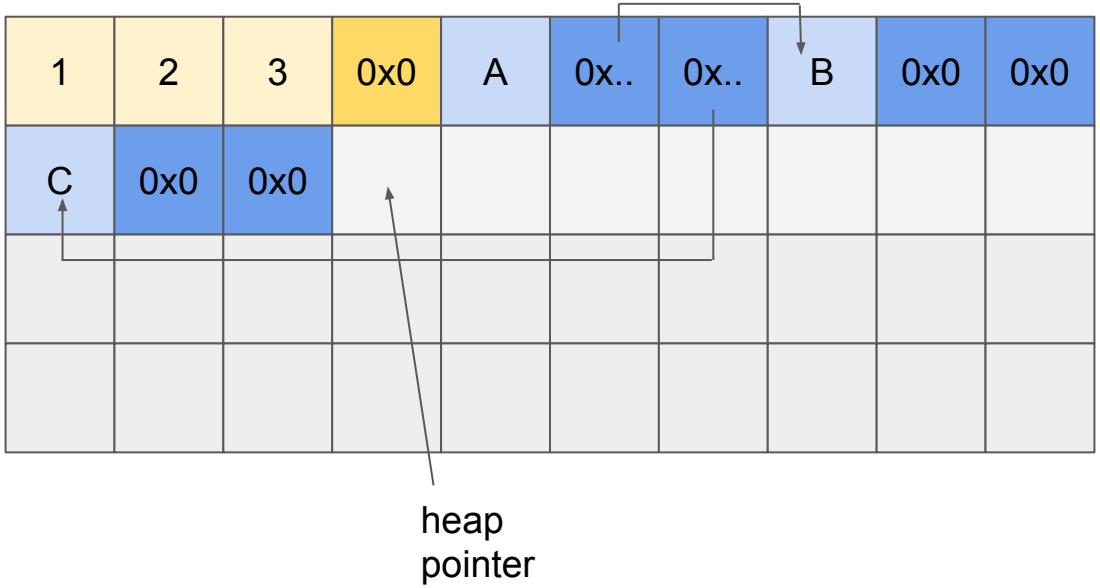
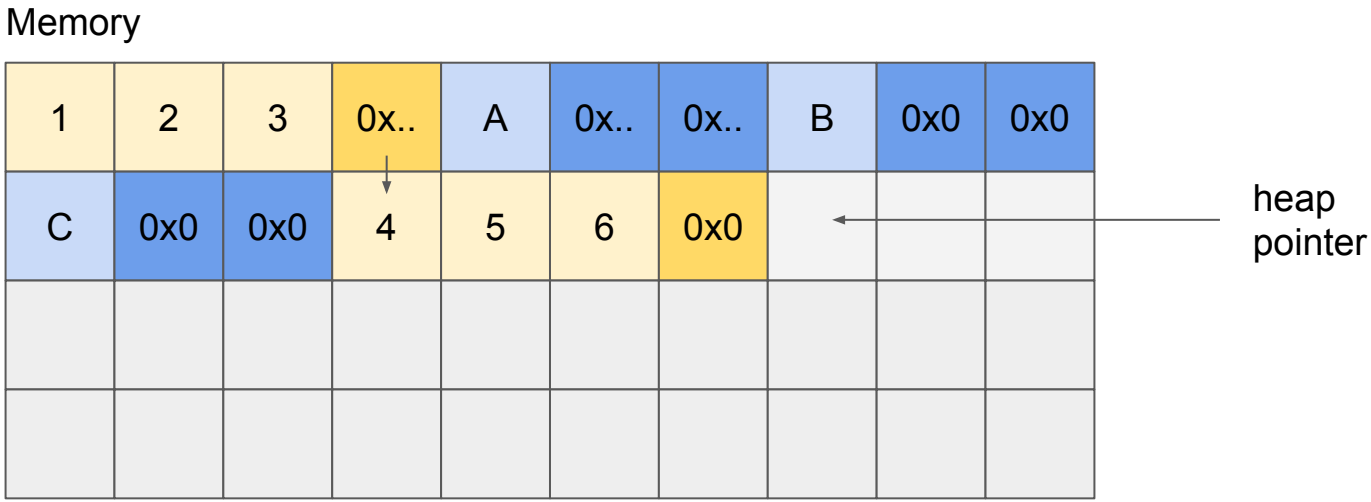
1. Allocate a list chunk



2. Allocate some binary tree chunks



Memory



3. Allocate another list chunk