

## Lab 5 – Compact identify what is different remove nodes by relinking without them – no explicit deallocation is needed head 2 elt head only a single setNext is needed to do the actual compaction! CPSC 225: Intermediate Programming . Spring 2025





## Lab 5 pattern for moving through a linked list typically runner starts at the head and repeatedly moves to the next node... for ( ListNode runner = head ; runner != null ; "keep going" condition may vary ...but starting at the head is only because that's often the only pointer to a node that we have for the list also, the name runner is like i for arrays – a generic name when its only purpose is a finger keeping track of the current spot adapt the pattern (variable name, starting point, and loop condition) to your specific needs

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