# Merge Two Sorted Lists (Level = Easy)

Given two sorted linked lists, merge them into one linked list such that all the elements of the new list are sorted.

Examples

|  |  |  |
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| **No.** | **Input** | **Output** |
| 1 | 1🡪3🡪8🡪10 1🡪4🡪5🡪6 | 1🡪1🡪3🡪4🡪5🡪6🡪8🡪10 |
| 2 | 10🡪20🡪30 1🡪2🡪3 | 1🡪2🡪3🡪10🡪20🡪30 |