# Definition for singly-linked list.

# class ListNode:

# def \_\_init\_\_(self, val=0, next=None):

# self.val = val

# self.next = next

class Solution:

def partition(self, head: Optional[ListNode], x: int) -> Optional[ListNode]:

lessHead=ListNode(0)

greaterHead=ListNode(0)

curr=head

less=lessHead

greater=greaterHead

while curr!=None:

if curr.val>=x:

greater.next=curr

greater=curr

else:

less.next=curr

less=curr

curr=curr.next

greater.next=None

less.next=greaterHead.next

return lessHead.next