CS 1713
Introduction to Computer Programming II
Exercise 14

1. Implement the following function for linked lists

```c
int sumequalsk(node *head, int k)
```

This function checks if there are two distinct nodes in the linked list with sum \( k \). The function returns 1 if two such nodes exist and 0 otherwise.

Consider the following linked list as an example

```
list1 -> 5 -> 6 -> 12 -> 18 -> 21 -> Null
```

For \( k = 33 \) this function returns 1 since \( 12 + 21 = 33 \). Although above linked list is sorted, do not assume the linked list is sorted in your solution.