

## 2) (10 pts) DSN (Linked Lists)

Consider using a linked list to store a string, where each node, in order, stores one letter in the string. The struct used for a single node is included below. Write a function that takes in two pointers to linked lists storing 2 strings, and prints out the letters in the string in alternating order, starting with the first letter of the first string. If one string runs out of letters, just skip over it. For example, if the two strings passed to the function were “hello” and “computer”, then the function should print “hceolmlpouter”.

```
typedef struct node {  
    char letter;  
    struct node* next;  
} node;
```

```
void printMixed(node* word1, node* word2) {
```

```
}
```