

Given the following classes:

```
class LL {  
    private:  
        LLN *head;  
};
```

```
class LLN {  
    private:  
        string data;  
        LLN *next;  
};
```

write the method

```
int LL::LongWords ();
```

This method returns the number of words in the list which are at least eight letters long. (For example, if the list were APPLE-->BROCCOLI-->CANTELOUPE, the method would return 2.) You may write additional helper methods in LL or LLN if you would like. You may assume that standard constructors, destructors, accessors, and mutators already exist. Do not use loops; use recursion only.

```
int LL::LongWords () {  
  
    if (!head) return 0;  
    return head->LongWords ();  
}  
  
int LLN::LongWords () {  
  
    int ct = 0;  
    if (next) ct = next->LongWords ();  
    if (data.length() >= 8) ct++;  
    return ct;  
}
```