

## TEST 2 – CODING PART

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Write a C program to implement the following requirement:

### Input:

The program will read from standard input any text up to 10,000 characters and store each word (a string that does not contain any whitespace with a maximum of 100 characters) into a node of a linked list, using the following struct:

```
struct NODE {  
    char *word;           // the word  
    struct NODE *next;    // address of the next node  
};
```

### Output:

The program will print out 2 things

- On the first line, the original list of words, each word is separated by a single comma “,”. If there is nothing from stdin, print nothing.
- On the second line, print the first word in the original input text that is **NOT** unique (i.e., the first word that appears multiple times in the text). If there is no such word, print nothing.

### SAMPLE INPUT 1

hello world world cs240 test

### SAMPLE OUTPUT 1

hello,world,world,cs240,test  
world

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### SAMPLE INPUT 2

one two three

### SAMPLE OUTPUT 2

one,two,three