

WP3 S02

1/14/22

(1) Use dictionary of strings

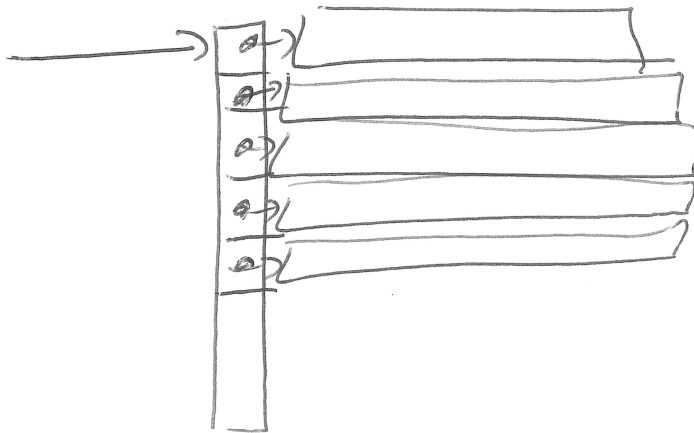
(2) Example DMA

Students First Last # tests
testscores

SORT

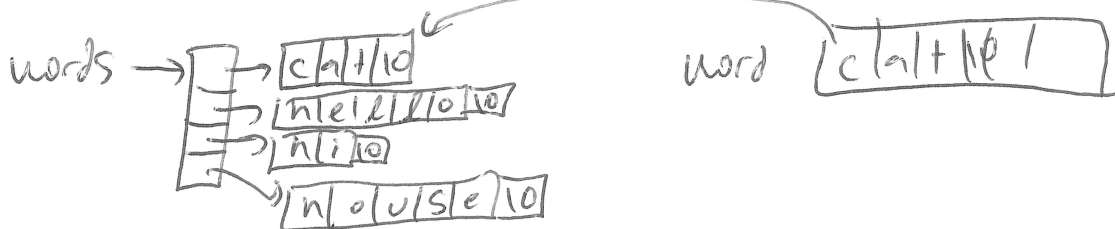
QUIZ WED!

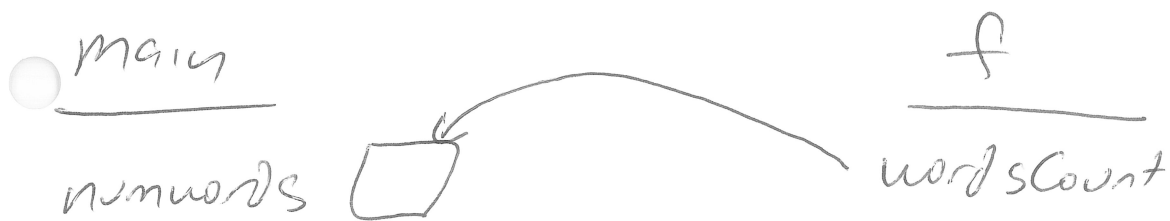
Strategy #1



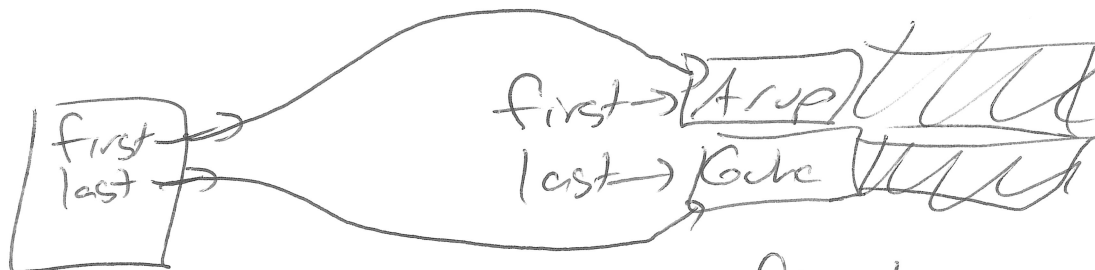
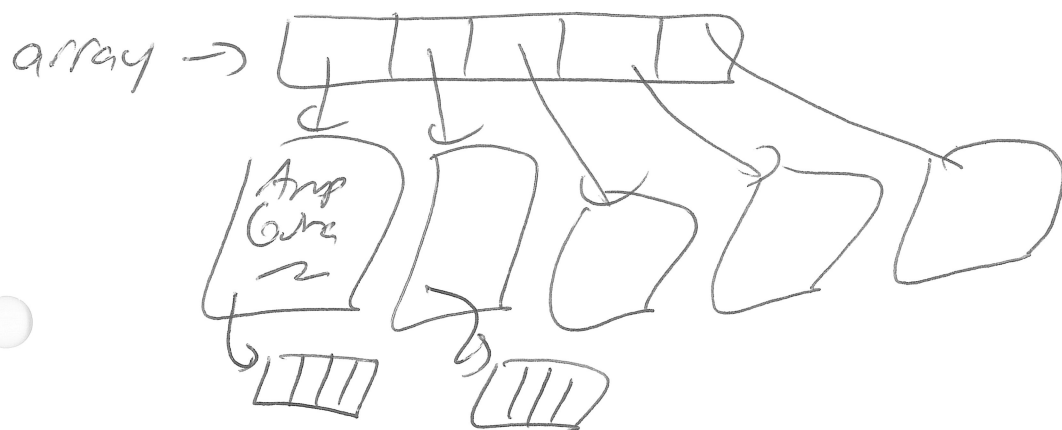
realloc

```
char** words = malloc(sizeof(char*) * n);  
for (i = 0; i < n; i++) {  
    words[i] = malloc(sizeof(char) * 100);  
    scanf("%s", words[i]);  
    words[i] = realloc(words[i], (strlen(words[i]) + 1) *  
                        sizeof(char));  
}
```





f(..., &numWords)



SLIST[i] → first = first;

Void* calloc (numelems, size of
) element

calloc 0s out zero memory

Strategy

temp

array →

