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1: #include <stdio.h>
2: // WordsHandling V1 - SkeletonCode
3: // Author: Kleanthis Thramboulidis
4: #define TERMINATE          0
5: #define ADD_WORD           1
6: #define DISPLAY_WORDS     2
7: #define INCR_SORT         3
8: #define DECR_SORT         4
9: #define WORD_STATS        5
10: #define CHAR_STATS        6
11: #define SEARCH_WORD       7
12:
13: #define MAX_WORDS         6
14: #define MAX_WORD_LEN     10
15:
16: int menu(void);
17: void addWord(void);
18: void displayWords(void);
19: void incSort(void);
20: void decSort(void);
21: void wordStats(void);
22: void charStats(void);
23: void searchWord(void);
24:
25: char word[MAX_WORDS][MAX_WORD_LEN];
26:
27: void main(){
28:     int selectedOp;
29:
30:     printf("WordsHandling V1 - SkeletonCode\n\n");
31:     selectedOp=menu();
32:     while(selectedOp!= TERMINATE){
33:         switch(selectedOp){
34:             case ADD_WORD :
35:                 addWord();
36:                 break;
37:             case DISPLAY_WORDS :
38:                 displayWords();
39:                 break;
40:             case INCR_SORT :
41:                 incSort();
42:                 break;

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43:         case DECR_SORT :
44:             decSort();
45:             break;
46:         case WORD_STATS :
47:             wordStats();
48:             break;
49:         case CHAR_STATS :
50:             charStats();
51:             break;
52:         case SEARCH_WORD :
53:             searchWord();
54:             break;
55:         default :
56:             printf("Operation is not supported\n");
57:             break;
58:     }
59:     selectedOp=menu();
60: }
61: printf("WordsHandling V1 terminated\n");
62: }
63:
64: int menu(void){
65:     int choice;
66:
67:     printf("\n\n-----MENU-----\n");
68:     printf("0 - TERMINATE\n");
69:     printf("1 - ADD WORD\n");
70:     printf("2 - DISPLAY WORDS\n");
71:     printf("3 - INCREMENTAL SORT\n");
72:     printf("4 - DECREMENTAL SORT\n");
73:     printf("5 - WORD STATISTICS\n");
74:     printf("6 - CHARACTER STATISTICS\n");
75:     printf("7 - SEARCH WORD \n-----
\n");
76:     printf("Select operation:");
77:     scanf("%d",&choice);
78:     return (choice);
79: }
80:
81: void addWord(void){
82:     printf("add word\n");
83: }

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84:
85: void displayWords(void){
86:     printf("display words\n");
87: }
88:
89: void incSort(void){
90:     printf("incremental sort\n");
91: }
92:
93: void decSort(void){
94:     printf("decremental sort\n");
95: }
96:
97:
98: void wordStats(void){
99:     printf("word statistics\n");
100: }
101:
102: void charStats(void){
103:     printf("character statistics\n");
104: }
105:
106: void searchWord(void){
107:     printf("search word\n");
108: }
109:
```