```c
#include <stdio.h>
#include <stdlib.h>
#include <string.h>

#define MAX_WORDS        6
#define MAX_WORD_LEN     10

char words[MAX_WORDS][MAX_WORD_LEN];

void readwords(void);
void displayWords(void);
// void incSort(void);
// void decSort(void);
void wordstats(void);

int count(char term[]);


int main(int argc, char *argv[]) {

    char term[MAX_WORD_LEN];
    int occurrences;

    readwords();
    displaywords();
    wordstats();

    printf("Give query term: ");

    scanf("%s", term);

    occurrences=count(term);

    printf("The number of occurrences is: %d\n",
occurrences);
    return 0;
}


void readwords()
{
    int i;
    for (i=0; i<MAX_WORDS; i++)
        {
            printf("Give %d-th word: ", i);
            scanf("%s", words[i]);

        }

}


void displaywords()
{
```

```c
    int i;
    printf("The words are: \n");
    for (i=0; i<MAX_WORDS; i++)
        printf("%s\n", words[i]);

}


int count(char term[])
{
    int i;
    int num=0;

    for (i=0; i<MAX_WORDS; i++)
    {
        if (strcmp(term, words[i])==0)
        {
            num++;
            printf("We have found one in %d\n", i);
        }
    }

    return num;
}

void wordstats(void){

    int min, max, sum;
    int i;
    float average;

    min=strlen(words[0]);

    max=strlen(words[0]);

    sum=strlen(words[0]);

    for (i=1; i<MAX_WORDS; i++)
    {
        if (strlen(words[i]) < min) min=strlen(words[i]);
        if (strlen(words[i]) > max) max=strlen(words[i]);
        sum=sum+strlen(words[i]);

    }

    average=(float)sum/MAX_WORDS;

    printf("The lengths are: %d (min), %d (max)), %f
(average))\n", min, max, average);

}
```