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测试代码

#include <stdio.h>

#include <stdlib.h>

#define M 10

#define N 35

void setRandonString(String \*s);

void sortString(String \*sArray);

int main()

{

/\*typedef struct{

char content[N];

int length;

}String;

struct \*sPtr = &String;

setRandonString(\*sPtr);

sortString(String\*Array);

\*/

char string[N][] = {0};

srand( time(NULL) );

int length = rand() % 35 + 1;

int diff = 'z' - 'a';

int i;

for (i = 0; i < length; i++){

string[i] = rand() % diff + 'a';

}

string[length] = '\0';//set a random string

//sort string

int j;

int isSwapped;

char hold[length] = {0};

for(i = 0; i < size; i++){

isSwapped = 0;

for(j = 0; j < (size - i); j++){

if(string[0][i] > string[0][i+1]){

hold = string[i][0];

string[0][i]= string[0][i+1];

string[0][i+1] = hold;

++isSwapped;

}

}//end of inner for loop

if( isSwapped == 0){

break;

}

}//end of outer for loop

return 0;

}

未测试