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```
#include <stdio.h>
#include <string.h>
#include <ctype.h>

main (void) {

        char userInput[100];
        char stripped[100];
        void strip1(char original[], char stripped[]);

   printf("Enter input: ");
   scanf("%[^\n]s",userInput);
   printf("Input: %s\n",userInput);

        strip1(userInput, stripped);

        }

void strip1 (char original[], char stripped[]){

  int i, j;
  //char reversed[100];
  void reverse (char original[], char reversed[]);

  for(int i = 0; original[i] - 1; i++){
        stripped[i] = tolower(original[i]);
        }
   printf("Lowered: %s\n",stripped);

        for(i = 0; stripped[i] != '\0'; ++i){
                while(!((stripped[i] >= 'a' && stripped[i] <= 'z') || (stripped[i] >= 'A' && stripped[i] <=
'Z') || stripped[i] == '\0'))
                {
                        for(j = i; original[j] != '\0'; ++j)
        {
           stripped[j] = stripped[j+1];
        }
        stripped[j] = '\0';
                }
```

```
        }
        printf("Stripped: %s\n",stripped);

        reverse (original, stripped);
}



void strip (char original[], char stripped[]){
        int i, j, k = 0;
        char reversed[100];
        void reverse (char original[], char reversed[]);

        while (original[k]) {
      original[k] = tolower(original[k]);
      k++;
   }

        stripped = original;
        for(i = 0; stripped[i] != '\0'; ++i){
                while(!((stripped[i] >= 'a' && stripped[i] <= 'z') || (stripped[i] >= 'A' && stripped[i] <=
'Z') || stripped[i] == '\0'))
                {
                        for(j = i; original[j] != '\0'; ++j)
        {
           stripped[j] = stripped[j+1];
        }
        stripped[j] = '\0';
                }
        }
        reverse (stripped, reversed);
}

void reverse (char original[], char reversed[]){

   char stripped[100];
        void reverseStr1(char *input, int begin, int end);
        void reverseString(char str1[], int index, int size);
        bool palindromes(char original[], char reversed[]);

        printf("Check Original: %s\n",original);
        printf("Check Stripped: %s\n",reversed);

        int size = strlen(reversed);
```

```
    for(int i=0; i < size; i++)
    {
        stripped[i] = reversed[i];
    }
    //reverseString(reversed, 0, size - 1);
    reverseStr1(reversed, 0, size - 1);

            printf("Original : %s\n",original);
            printf("Reversed: %s\n",reversed);
            bool result = palindromes(stripped, reversed);

            if(result){
                    printf("It is a palindrome");
                    }
                    else
                    {
                            printf("It is not a palindrome");
                            }

            }

void reverseStr1(char *input, int begin, int end) {
  char temp;
  if (begin >= end)
    return;
  temp = *(input + begin);
  *(input + begin) = *(input + end);
  *(input + end) = temp;
  reverseStr1(input, ++begin, --end);
}

void reverseString(char str1[], int index, int size)
{
            printf("Str1: %s\n",str1);
    char temp;
    temp = str1[index];
    str1[index] = str1[size - index];
    str1[size - index] = temp;
    if (index == size / 2)
    {
        return;
    }
    reverseString(str1, index + 1, size);
```

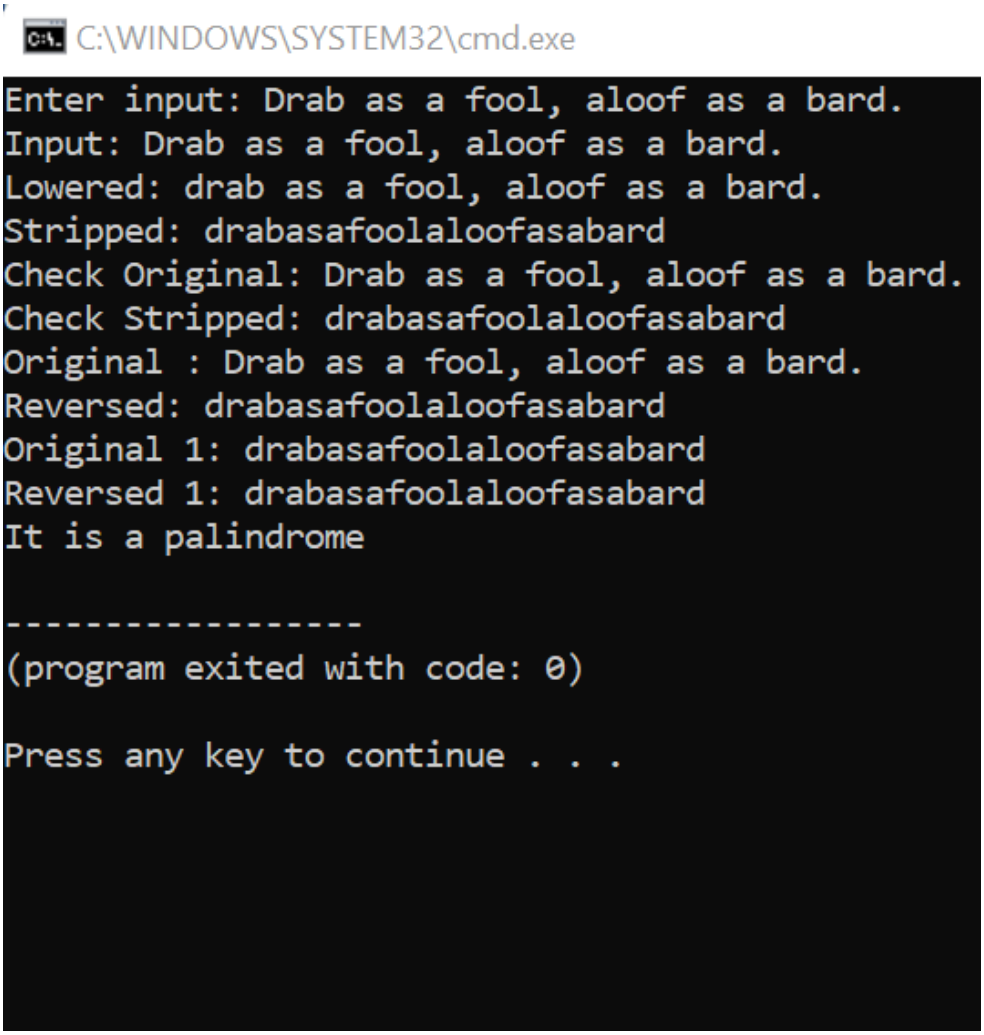
```
}

bool palindromes(char original[], char reversed[]){
        int i = 0;
        int size = strlen(original)-1;
        bool isPalindrom = true;

        printf("Original 1: %s\n",original);
        printf("Reversed 1: %s\n",reversed);

        for(i = 0; i <= size; i++)
        {
                if(original[i] != reversed[i]){
                        isPalindrom = false;
                }
   }
        return isPalindrom;
        }
```

OUTPUT:



```
Enter input: It ain't over till it's over
Input: It ain't over till it's over
Lowered: it ain't over till it's over
Stripped: itaintovertillitsover
Check Original: It ain't over till it's over
Check Stripped: itaintovertillitsover
Original : It ain't over till it's over
Reversed: revostillitrevotniati
Original 1: itaintovertillitsover
Reversed 1: revostillitrevotniati
It is not a palindrome

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(program exited with code: 0)

Press any key to continue . . .
```