**Write a program in c to check whether a given string is palindrome or not**

#include <stdio.h>

#include <string.h>

void check(char [], int);

int main()

{

char word[15];

printf("Enter a word to check if it is a palindrome\n");

scanf("%s", word);

check(word, 0);

return 0;

}

void check(char word[], int index)

{

int len = strlen(word) - (index + 1);

if (word[index] == word[len])

{

if (index + 1 == len || index == len)

{

printf("The entered word is a palindrome\n");

return;

}

check(word, index + 1);

}

else

{

printf("The entered word is not a palindrome\n");

}

}

