PALINDROME

#include <stdio.h>

#include <string.h>

void main() {

char a[50];

int length = 0, i, flag = 1;

printf("Enter a string: ");

scanf("%s", a);

length = strlen(a);

for (i = 0; i < length / 2; i++) {

if (a[i] != a[length - i - 1]) {

flag = 0;

break;

}

}

if (flag == 1) {

printf("The given string is a palindrome.\n");

} else {

printf("The given string is not a palindrome.\n");

}

}

OUTPUT:

Enter a string: MADAM

The given string is a palindrome.