25.check wheather the given string r number is palindrome or not

#include <stdio.h>

#include <string.h>

int isPalindrome(char \*str)

{

int left = 0;

int right = strlen(str) - 1;

while (left < right)

{

if (str[left] != str[right])

{

return 0;

}

left++;

right--;

}

return 1;

}

int main()

{

int choice;

char input[100];

printf("Choose an option:\n");

printf("1. Check string palindrome\n");

printf("2. Check number palindrome\n");

scanf("%d", &choice);

switch (choice)

{

case 1:

printf("Enter a string: ");

scanf("%s", input);

if (isPalindrome(input))

{

printf("%s is a palindrome.\n", input);

}

else

{

printf("%s is not a palindrome.\n", input);

}

break;

case 2:

int num;

printf("Enter a number: ");

scanf("%d", &num);

sprintf(input, "%d", num);

if (isPalindrome(input))

{

printf("%d is a palindrome.\n", num);

}

else

{

printf("%d is not a palindrome.\n", num);

}

break;

default:

printf("Invalid choice.\n");

}

return 0;

}

OUTPUT



