**ASSIGNMENT NO:100**

**Input a string and check if it is a palindrome or not:**

***Program code:***

#include <stdio.h>

#include <string.h>

int main()

{

char s[20];

int i,l;

printf("Enter a string: ");

gets(s);

l=strlen(s);

for(i=0;s[i]!='\0';i++)

{

if(s[i]!=s[l-i-1])

{

printf("\nNot palindrome!");

return 0;

}

}

printf("\nPalindrome!");

return 0;

}

***Output:***

Enter a string: Akash

Not palindrome!

Enter a string: madam

Palindrome!