Palindrome Assignment

#include <iostream>

#include <string>

using namespace std;

bool ispalindrome(string str, int start, int end)

{

if(start>=end)

return true;

if(str[start]!=str[end])

return false;

return ispalindrome(str, start+1, end-1);

}

int main()

{

string str;

cout<<"Input the string : ";

cin>>str;

int n = str.size();

int res = ispalindrome(str, 0, n-1);

if(res == 1)

cout<<"This is a palindrome!";

else

cout<<"This is not a palindrome!!!";

return 0;

}