PALINDROME LOGIG

#include<bits/stdc++.h>

#include<stack>

#include<string>

using namespace std;

int main(){

stack<string> s;

int count=0;

string sampleName;

cin>>sampleName;

if(sampleName.length()>0){

int size=sampleName.length();

int arr[size];

for(int i=0;i<size;i++){

arr[i]=sampleName[i];

}

for(int i=0;i<size-i-1;i++){

if(arr[i]!=arr[size-i-1]){

count=1;

break;

}

}

}

if(count==1){

cout<<"Not Palindrome";

return 0;

}

else{

cout<<"Palindrome";

}

}

ANOTHER OWN LOGIC USING STACK

#include<bits/stdc++.h>

using namespace std;

int main(){

stack<char> s;

string Name,Name2;

cin>>Name;

int strLength=Name.length();

if(strLength>0){

for(int i=0;i<strLength;i++){

s.push(Name[i]);

}

for(int j=0;j<strLength;j++){

Name2=Name2+string(1,s.top());

s.pop();

}

if(Name==Name2){

cout<<"Palindrome ";

}

else{

cout<<"Not Palindrome";

}

}

}