**Palindrome**

*Palindrome\_str.cpp*

Write a program which accepts a string and determines if the said string is a Palindrome or not.

**PROGRAM DESIGN**

The program should be able to accept a positive integer input from the user, and determine if the input is a Palindrome or not. A Palindrome is a number, string or word that when reversed – has the same form, value, or meaning. Save your work as *Palindrome\_str.cpp*

**INPUT**

The input is a string that can have up to 50 characters.

**OUTPUT**

Once the user enters the input, the program should be able to check if the number is a palindrome or not. If it is a palindrome, the program prints “**Palindrome**” else, it prints “**Not Palindrome**”.

**SAMPLE INPUT**

10001

madam

kayak

no

2270

**SAMPLE OUTPUT**

Palindrome

Palindrome

Palindrome  
Not Palindrome  
Not Palindrome