1. Palindrome

Write a program to check the given number is Palindrome or not?

Note: Palindrome means the given number is equal to revers of the given number.

Input Format:
A single line input containing one integer.

Output Format:
Display output according to the discription.

Sample I/O:

Input 1:
121

Output 1:
Palindrome

Input 2:
123

Output 2:
Not Palindrome

2. Amicable Numbers

Write A Program to check whether a given number is Amicable Number or not and display Amicable Number or Not Amicable Number.

Amicable numbers: are two different numbers so related that the sum of the proper divisors of each is equal to the other number.

The first ten amicable pairs are: (220, 284), (1184, 1210),.

input format:

there will be two integers n and m in two different lines.

output format:

display that whether they are Amicable or Not Amicable

Sample Test Case 1:

input:

220

284

output:

Amicable

Example:

220 : 1+2+4+5+10+11+20+22+44+55+110 = 284

284: 1+2+4+72+142 = 220

input:

236

345

output:

Not Amicable

3. **Generate Prime Numbers In A Interval**

Remove this, and Enter Program Description here.**You just need to take two number as input from stdin and you need to find prime numbers between those two numbers and print them.**

Constraints

1 <= N <= 10000

Input Format:
You will be taking two numbers as an input from stdin one on each line respectively.

Output Format:
You need to print the prime numbers one on each line to the stdout.

Sample I/O:

Input 1:
900
1000

Output 1:
907

911

919

929

937

941

947

953

967

971

977

983

991

997