#include <stdio.h>

int main()

{

int n, reversedInteger = 0, remainder, originalInteger;

printf("Enter an integer: ");

scanf("%d", &n);

originalInteger = n;

while( n!=0 )

{

remainder = n%10;

reversedInteger = reversedInteger\*10 + remainder;

n /= 10;

}

if (originalInteger == reversedInteger)

printf("%d is a palindrome.", originalInteger);

else

printf("%d is not a palindrome.", originalInteger);

return 0;

}