#include <iostream>

#include<conio.h>

int main()

{

clrscr();

int n, num, digit, rev = 0;

cout << "Enter a positive number: ";

cin >> num;

n = num;

do

{

digit = num % 10;

rev = (rev \* 10) + digit;

num = num / 10;

} while (num != 0);

cout << " The reverse of the number is: " << rev << endl;

if (n == rev)

cout << " The number is a palindrome";

else

cout << " The number is not a palindrome";

return 0;

}

OUTPUT: