//C++ program for palindrome numbers

#include<iostream>

using namespace std;

int main()

{

int num, reverse = 0, remainder, temp;

// reverse is used to store to reverse number

cout << "Enter the number: ";

cin >> num;

temp = num; // original number is stored in temp variable

while( temp != 0)

{

remainder = temp % 10;

reverse = reverse \* 10 + remainder;

temp = temp / 10;

}

cout << "Reversed number: " << reverse << endl;

if (num == reverse) // checking whether num is equal to reverse

cout << "\n" << num << " is a palindrome number." << endl;

else

cout << "\n" << num << " is not a palindrome number." << endl;

return 0;

}