```cpp
//=============================================================
// Name        : H34086115_hw4-3.cpp
// Author      :
// Version     :
// Copyright   : Your copyright notice
// Description : Hello World in C++, Ansi-style
//=============================================================

#include <iostream>
using namespace std;

int main() {
    int a, b, c, d, e;
    cout << "please enter a five-digit integer";
    cin>> a;
    b = a/10000;
    c = a%10;
    d = a/1000 - b*10;
    e = ( a%100 - c) /10;
    if ( b == c && d == e){
        cout << "this integer is a palindrome";
    }
    else {
        cout << "this integer is not a palindrome";
    }
}
```

please enter a five-digit integer45454
this integer is a palindrome