PALLINDROME

CODE:

#include <iostream>

using namespace std;

int main()

{

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:

Enter a positive number: 242

The reverse of the number is: 242

The number is a palindrome.

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Process exited after 6.88 seconds with return value 0

Press any key to continue . . .