**Write C++ program to Check whether a number can be represented as difference of two squares.**

#include <bits/stdc++.h>

using namespace std;

bool difSquare(int n)

{

if (n % 4 != 2) {

return true;

}

return false;

}

int main()

{

int n;

std::cout<<"enter the number: ";

std::cin>>n;

if (difSquare(n)) {

cout << "Yes\n";

}

else {

cout << "No\n";

}

return 0;

}

**Output:**

