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// Tinh tong chan, le dung de quy

#include <iostream>

using namespace std;

int TongChan(int n)

{

if ( n < 10)

{

if ( n % 2 == 0)

return n;

else

return 0;

}

else

{

int cs = n % 10;

if ( cs % 2 == 0)

return cs + TongChan( n / 10);

return TongChan(n/10);

}

}

int TongChan2(int n)

{

if ( n == 0)

return 0;

else

{

if (( n % 2) ==0)

return TongChan2(n/10)+ n %10;

return TongChan2(n/10);

}

}

int TongLe (int n)

{

if ( n < 10)

{

if ( n % 2 == 1)

return n;

else

return 0;

}

else

{

int cs = n % 10;

if ( cs % 2 == 1)

return cs + TongLe( n / 10);

return TongLe(n/10);

}

}

int main ()

{

int n;

cout <<" Nhap gia tri n ban can tinh tong chan va le: ";

cin >> n;

cout <<" Tong cac gia tri chan cua " << n <<" la: "<< TongChan (n) << endl;

cout <<" Tong cac gia tri le cua " << n << "la: "<< TongLe (n) << endl;

system ("pause");

return 0;

}