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#include <iostream>

using namespace std;

int ChuyenTuHe2sang10 ( int n, int i);

double LuyThua( int x, int n);

int main ()

{

int n;int i =0;

cout <<" Nhap vao gia tri nhi phan: ";

cin >> n;

cout <<" Gia tri tu nhi phan sang nhi phan la: " << ChuyenTuHe2sang10( n, i) << endl;

system("pause");

return 0;

}

double LuyThua( int x, int n)

{

if ( n == 0)

return 1;

else

if ( n >0)

return x \* LuyThua ( x, n-1);

return 1.0/ LuyThua( x, -n);

}

int ChuyenTuHe2sang10 ( int n, int i)

{

if ( n < 10)

return n\* LuyThua ( 2, i);

else

{

return ( n%10) \* LuyThua( 2,i) + ChuyenTuHe2sang10( n/10, i+1);

}

}