#include<iostream>

#include<string>

using namespace std;

string binary(int n)

{

string s;

if(n%2==0)

s="0";

else

s="1";

if(n<2)

return s;

return (binary(n/2) + s);

}

void main()

{

long x;

cout<<"Enter the decimal ";

cin>>x;

cout<<binary(x);

system("PAUSE");

}