#include<iostream>

using namespace std;

int main (){

int n= 4;//decimal number

int binary\_number = 0;

int i = 1;

while(n){

binary\_number = binary\_number+ n%2\*i;

i \*= 10;

n=n/2;

}

cout<<”Binary number is:”<<binary\_number<<endl;

return 0;

}