#include <iostream>

#include <cmath>

using namespace std;

int main()

{

double x,y,m,n,p;

cin>>x;

y=floor(x+0.5);

m=floor(x\*10+0.5)/10;

n=floor(x\*100+0.5)/100;

p=floor(x\*1000+0.5)/1000;

cout<<"X = "<<x<<endl;

cout<<"roundToInteger ="<<y<<endl;

cout<<"roundToTenths = "<<m<<endl;

cout<<"roundToHundredths = "<<n<<endl;

cout<<"roundToThousandths = "<<p<<endl;

}