#include<iostream>

using namespace std;

double c(double x);

double s(double x)

{

if(-0.005 < x && x < 0.005 )

return x- x\*x\*x/6;

return 2\*s(x/2)\*c(x/2); // sin2Q = 2sinQ cosQ

}

double c(double x)

{

if(-0.005 < x && x < 0.005 )

return 1.0 - x\*x/2;

return 1-2\*s(x/2)\*s(x/2); // cos2Q = 1-2(sinQ)2

}

void main()

{

double x;

cout<<"Insert the value of tita : ";

cin>>x;

system("PAUSE");

}