program bahurev\_nikolay\_lecture2\_task;

var

q, h : integer;

f, alpha, lambda, chisl, znam : real;

begin

alpha := 13.5;

lambda := 3;

q:=0;

h:=5;

repeat

chisl := (1+sin(q))\*cos(pi\*alpha/lambda\*cos(q));

znam := (pi/2)\*(pi/2)-(pi\*alpha/lambda\*cos(q))\*(pi\*alpha/lambda\*cos(q));

f := chisl/znam;

writeln(q,'. F = ',f:3:5);

q:=q+h;

until q>90;

readln();

end.

