H. Altuğ Yıldırım

090100252

1)

fibonacci:=proc(n)

local x;

begin x:=(1+sqrt(5))/2;

Fn:=(x^n-(x-sqrt(5))^n)/sqrt(5);

print(simplify(Fn));

end:

2) 3, 5

3)

f:=(1/2)\*m\*v^2;

g:=subs(f,m=1);

for b from 1 to 3 do

print(subs(g,v=b))

end\_for

4)a)T

b)F

c)F

5)

program heyo

integer:: a, square

real::squareroot

loop1: do

read \*, a

if (a==666) then

print \*, "HELL AND FIRE"

exit

else if (modulo(a,2)==0) then

print \*, a\*\*(0.5)

else if (modulo(a,2)/=0) then

print \*, a\*\*2

end if

end do loop1

end program heyo