Definition: Factorials

Factorials

```
Fac(0) = 1
Fac(n+1) = (n+1) × Fac(n)
```

$$0! = 1$$
$$(n+1)! = (n+1) \times n!$$

```
% fac(i,m) : i-th factorial is m
fac(0,1).
fac(N+1,(N+1)*F) :- fac(N,F), N=1..n.
fac(F) :- fac(N,F).
#show fac/1.
```

should be

N=0..n.