

```

intuitive append

fun {AppendLists L1 L2}

  if L1==nil then L2
  else L1.1|{AppendLists L1.2 L2}
  end

fun {Fact N}

  local Fac Fact2 in
    fun{Fac N}
      if N =< 0 then 1 else N*{Fac N-1} end
    end
    fun{Fact2 M}
      if M>N then nil else
        {Fac M}|{Fact2 M+1}
      end
    end
    {Fact2 1}
  end
end
end

```