Code of factorial

Yamazaki Keitaro 1029-24-9540

October 9, 2012

```
1  ( define  factorial
2     ( lambda  (n)
3        ( if  (<= n  0)
4           1
5           (* n  ( factorial  (− n  1)))
6        )
7     )
8  )
```

Run:
(factorial 100)

Result:
93326215443944152681699238856266700490715968264381621468592963895217599993229915608941463976156518286253697920827223758251185210916864000000000000000000000000

Description:
This is a function which calculate factorial.
Argument n multiply by (factorial (- n 1)).
Next, argument m(=(- n 1)) multiply by (factorial (- m 1)) ... and so on.
When argument is 0 and under, then return 1.