factorial (recursive)

(Haskell assorted functions) Saturday 29th October, 2016

factorial (non-recursive)

(Haskell assorted functions) Saturday 29th October, 2016

insertion sort

(Haskell assorted functions) Saturday 29th October, 2016

```
factorial :: Int → Int
factorial n = product [1..n]
```

```
factorial :: Int → Int
factorial 0 = 1
factorial (n + 1) = (n + 1) ∗ factorial n
```

```
isort :: Ord a ⇒ [a] → [a]
isort [] = []
isort (x : xs) = insert x (isort xs)
```