

Some answers of Haskell 5 Higher Order.

一、Page 37:

~~$\text{uncurry} :: (a \rightarrow b \rightarrow c) \rightarrow (a, b) \rightarrow c$~~
 ~~$(\$) :: X$~~

1. $\text{uncurry} :: (X \rightarrow Y \rightarrow Z) \rightarrow (X, Y) \rightarrow Z$
 $(\$) :: (a \rightarrow b) \rightarrow a \rightarrow b$

so: $\text{uncurry } (\$) :: (a \rightarrow b, a) \rightarrow b$.

The same as $(:)$ $(.)$

2. write two times of ~~$\$$~~ uncurry

二、Page 30

2. $\text{zipWith } (\$) [\text{sum}, \text{product}] [[1, 2], [3, 4]]$
 $\Rightarrow [3, 12]$

Replace $\$$ with:

$\text{map } (\text{sum}, \text{product}) [[1, 2], [3, 4]]$
 $\Rightarrow [14]$.

3. $\text{id } (\$)$ $\$$ can be regarded as parameters!

