Problem 0.1. Use the table-based method from HW 5 to calculate the types for the following Haskell functions.

$$
\begin{array}{ll}
1. & f\ x\ y\ = y\ x \\
2. & curry3\ f\ x\ y\ z = f(x, y, z) \\
3. & uncurry3\ f\ (x, y, z)\ = f\ x\ y\ z
\end{array}
$$