Function

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- injection: "one-to-one" function

- surjection: "onto" function, if $f(A) = B$, i.e.[1], for all $b \in B$, there is at least one $a \in A$ such that $f(a) = b$

- bijection: both injection and surjection (aka. "one-to-one correspondence")

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[1]In other words