

**Definition** : A function  $f : D \rightarrow C$  is **one-to-one** (or injective) means for every  $a, b$  in the domain  $D$ , if  $f(a) = f(b)$  then  $a = b$ . Formally,  $f : D \rightarrow C$  is one-to-one means \_\_\_\_\_.