Assignment. 4 (1). Huanyu Li

The error occurs when we move $n \to n+1$.

if $n=1$ then $n+1=2$.

if $x \neq y$. $L: [x, y]$

$$L \setminus \{y\} = \{x\}$$

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there doesn't exist a z in the L.

we cannot prove $f(x)=f(y)$.

Because, the inductive proof requires that the procedure from n to $n+1$ need fulfil all natural numbers from 1, 2, 3 to ....