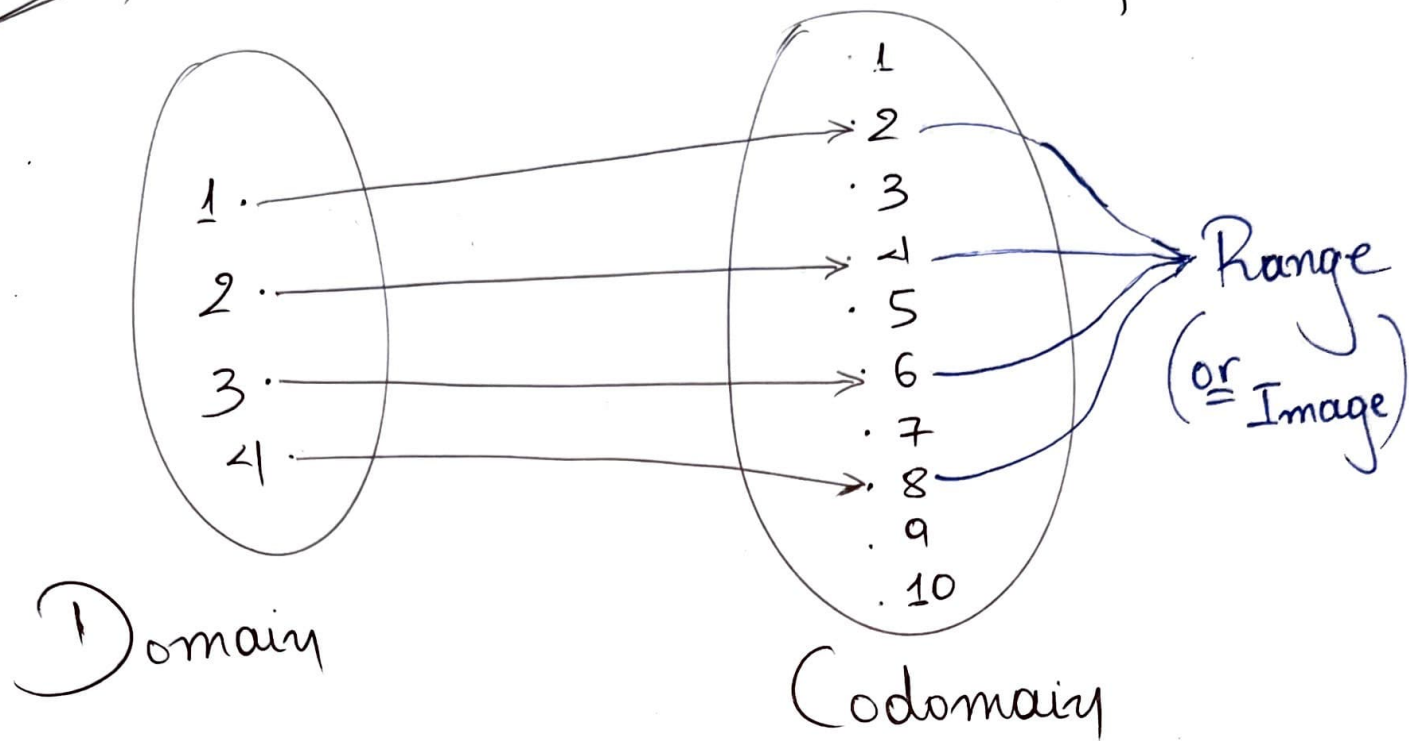


Domain, Codomain and Range

Example: $x \rightarrow 2x$ $f(x) = 2 \cdot x$



$$\text{Domain} = \{1, 2, 3, 4\}$$

$$\text{Codomain} = \{1, 2, 3, 4, 5, 6, 7, 8, 9, 10\}$$

$$\text{Range} = \{2, 4, 6, 8\} \quad \left(\begin{array}{l} \text{the values output} \\ \text{by the function} \end{array} \right)$$

(or Image)