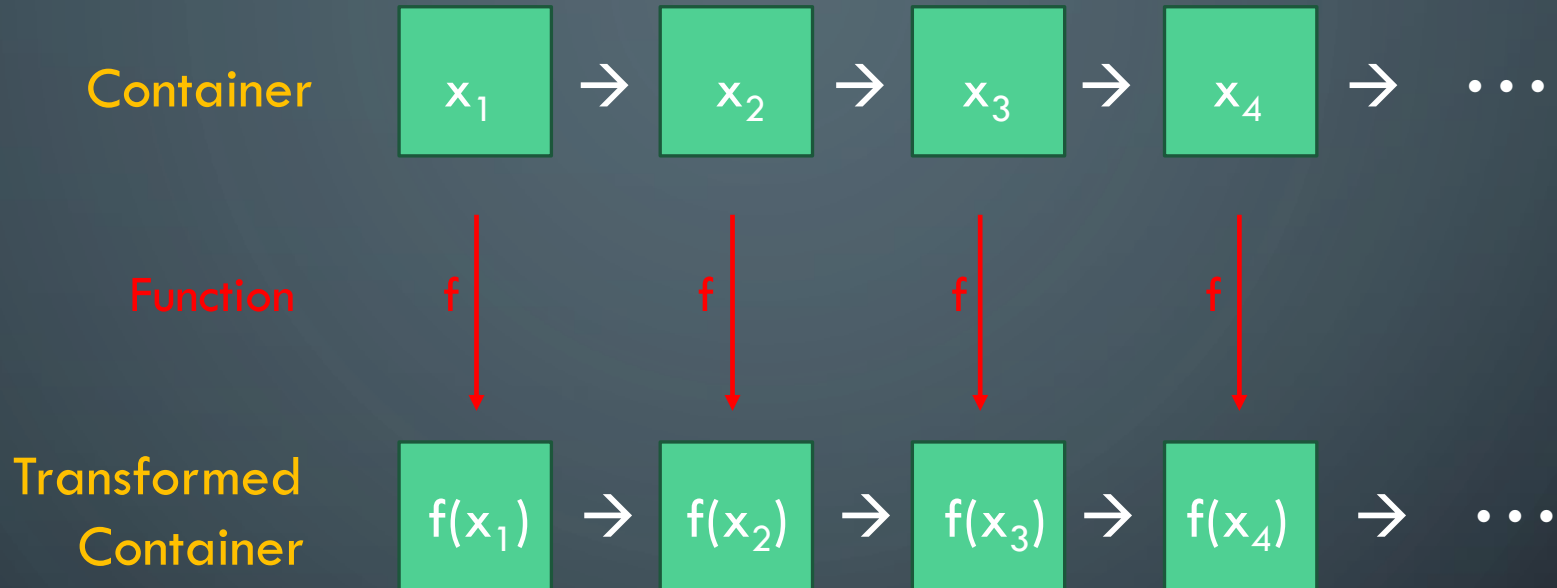




Functional Operations on Containers

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MAP



The **MAP** function is used to transform a collection of any type, with elements of type T , into elements of type U , by applying a function $f : T \rightarrow U$.

eg : $[0, 1, 2, 3, 4] \rightarrow [0, 1, 4, 9, 16]$ via $f(x) = (x^2)$