

Retrieve Specific Items Using Take, Skip, Distinct, and Chunk



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Module Goals



Perform partitioning operations

- Take n elements
- Skip n elements

Get a distinct value from collection

Chunk a collection into smaller sets



Taking Elements



Demo



Take specific amount of elements



Range Operator

Specifies the start and end of a range

Take(5..8) gives us elements 6, 7 and 8, but does not include 9

Take(..4) goes from element 0 to 3

Take(10..) goes from element 11 through the end

Take(^5..^2) goes from the 5th element from end to 3rd from end



Demo



Take elements using range operator



Demo



Take elements while condition is true





Skipping Elements



Demo



Skip specific amount of elements

Skip elements while condition is true





Distinct Values



Demo



Get a distinct value



Demo



Get a distinct object





Break into Chunks



Demo



Split large collection into array of smaller collections



Module Summary



Take values from within collections

Skip values from beginning of collections

Split a collection using `Chunk()`

These methods are great for paging data

`Distinct()`/ `DistinctBy()` get unique values



Up Next:

Determine the Type of Data Contained Within Collections

