Hash Tables

* Hash Table
  + Key/Value pairs
  + Non-deterministic order
  + Create a hash table using @ symbol
  + Enclose hash table in {}
  + Separate key from value with =
  + Separate key/value pairs with ; or line break
    - @{svr01='10.10.0.201';svr02='10.10.0.202'}
  + Store hash table in a variable
    - $ip=@{svr01='10.10.0.201';svr02='10.10.0.202'}
  + To retrieve hash table, keys or values
    - $ip
    - @ip.keys
    - @ip.values
  + To retrieve value for a specific key
    - $ip.svr02
  + Keys and values can have any data type, and multiple types

$svcInfo=@{

'Dhcp' = (Get-Service Dhcp)

'Dnscache' = (Get-Service Dnscache)

}

$svcInfo.Dnscache

* Ordered Dictionary
  + Keys are always in the order of creation
  + Add [ordered] attribute before @ during creation

Change @ip to [ordered]@ip

@ip