* Runspaces
* Spatting, PSBoundParameters

1..10000 | ForEach-Object {

if ($\_ % 10 -eq 0) {

Write-Host '.' -NoNewline

}

Start-Sleep -Milliseconds 100

}

$numbers = 1,2,3

$chars = 'a','b','c'

[System.Collections.ArrayList]$result = foreach ($char in $chars) {

foreach ($number in $numbers) {

#if ($number -eq '2') {

# break

#}

"$char - $number"

}

}

<#

a - 1

a - 2

...

c - 2

c - 3

#>

function f1 {

    [CmdletBinding()]

    [OutputType([datetime], ParameterSetName="datetime")]

    [OutputType("string", ParameterSetName="string")]

    param (

        [Parameter(Mandatory, ParameterSetName = 'datetime')]

        [switch]$AsDateTime,

        [Parameter(Mandatory, ParameterSetName = 'string')]

        [switch]$AsString

    )

    if ($PSCmdlet.ParameterSetName -eq 'string') {

        (Get-Date).ToString()

    }

    else {

        Get-Date

    }

}

$d1 = f1 -AsDateTime

$d2 = f1 -AsString