function Innovia\_CALtoAL

{

param (

 <# The parameter below is the the database name you are exporting the objects out of. This field is mandatory.#>

 [Parameter(Mandatory=$false)]

 [String]$DatabaseName="Demo Database NAV (11-0)",

 <# The parameter below is the the SQL Server name you are exporting the objects out of.This field is mandatory.#>

 [Parameter(Mandatory=$false)]

 [String]$DatabaseServer="localhost\NAVDEMO",

 [Parameter(Mandatory=$false)]

 <# The parameter below is the folder path to the finsql.exe file. You can also leave it blank to use the default value:

 C:\Program Files (x86)\Microsoft Dynamics 365 Business Central\140\RoleTailored Client #>

 [String]$ClientFolder = 'C:\Program Files (x86)\Microsoft Dynamics 365 Business Central\140\RoleTailored Client',

 <# The parameter below is the string filter that will be used to filter the objects you are converting.

 You can leave it blank to use the default filter of Locked By=<your user id>. #>

 [Parameter(Mandatory=$false)]

 [String]$Filter = "Locked By=$env:USERDOMAIN\$env:USERNAME",

 <# The parameter below tells the system if you want to delete the split files. #>

 [Parameter(Mandatory=$false)]

 [bool]$RemoveSplitFiles = $true,

 <# The parameter below tells the system if you want to delete the ExportFile.txt after running. #>

 [Parameter(Mandatory=$false)]

 [bool]$RemoveExportFile = $true

)

$MyDocsFolder = [environment]::getfolderpath("mydocuments") #retrieves your documents folder path.

$ExtensionStartId = 50000

#the line below imports the development powershell commands.

Import-Module "$ClientFolder\Microsoft.Dynamics.Nav.Model.Tools.dll"

#the lines below runs the finsql.exe export command and exports into a default folder Documents\Innovia\CAL to AL\

$Command = """$ClientFolder\finsql.exe"" command=ExportToNewSyntax,file=""$MyDocsFolder\Innovia\CAL to AL\ExportFile.txt"",servername=""$DatabaseServer"",database=""$DatabaseName"",Logfile=""$MyDocsFolder\Innovia\CAL to AL\Log\_ExportFile.txt"",filter=""$Filter"""

cmd /c $Command 2>$null

#the line below splits the export file into one file per object. into a default folder Documents\Innovia\CAL to AL\Split\

split-navapplicationobjectfile -source "$MyDocsFolder\Innovia\CAL to AL\exportfile.txt" -destination "$MyDocsFolder\Innovia\CAL to AL\Split\"

#the lines below converts the files in the split folder into al files and stores them in a default folder Documents\Innovia\CAL to AL\Target\

$Command = """$ClientFolder\txt2al.exe"" --source=""$MyDocsFolder\Innovia\CAL to AL\Split"" --target=""$MyDocsFolder\Innovia\CAL to AL\Target"" --rename --extensionStartId=$ExtensionStartId"

cmd /c $Command 2>$null

#this line removes .txt. files from the Split folder

if ($RemoveSplitFiles)

 {

 Remove-Item –path "$MyDocsFolder\Innovia\CAL to AL\Split\\*" -include \*.txt

 }

if ($RemoveExportFile)

 {

 Remove-Item –path "$MyDocsFolder\Innovia\CAL to AL\\*" -filter ExportFile.txt

 }

}