'Keyword\_click

'Keyword\_drag

'Keyword\_drop

'Keyword\_set

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

' Purpose: Determines which function to call based on keyword

'

' Inputs: strObject - Object Type and Name on which an action has to be performed

' strParent - Parent hirerarchy of the Object

' strAction - Action that needs to be performed

' strParam1 - Optional Parameter

' strParam2 - Optional Parameter

' strParam3 - Optional Parameter

' strParam4 - Optional Parameter

' strScreenShot - Boolean value to take screen shot

' - True, to take screenshot

' - False, to not take ss

' TS\_Name -

' Function\_Name -

' TC\_Step\_Id -

' Returns:

'

' Author: Ritesh Kawadkar

' Cretesd At: 10/4/2018

' Modified By:

' Reason For Change:

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Public Function Keyword\_click(strObject, strParent, strParam1, strParam2, strParam3, strParam4, strScreenShot, TS\_Name, Function\_Name, TC\_Step\_Id, stepDescription, TC\_Name)

Set Obj = fn\_createObjects(strParent & strObject)

'validate if object Exists

If Obj.Exist(Environment("DELAY")) Then

Else

GlobalReporting(stepDescription)=strParent & strObject & " Object Not Found in " & Environment("DELAY")

WriteLog "STEP FAILED",strParent & strObject & " Object Not Found in " & Environment("DELAY")

Keyword\_click = False

Exit Function

End If

On Error resume next

'create Operation command

If (IsNull(strParam1) or strParam1="") and (IsNull(strParam2) or strParam2="") and (IsNull(strParam3) or strParam3="") and (IsNull(strParam4) or strParam4="") Then

Obj.Click

ElseIf Not IsNull(strParam1) and IsNull(strParam2) and IsNull(strParam3) and IsNull(strParam4) Then

Obj.Click strParam1, micNoCoordinate, micLeftButton

ElseIf IsNull(strParam1) and Not IsNull(strParam2) and IsNull(strParam3) and IsNull(strParam4) Then

Obj.Click micNoCoordinate, strParam2, micLeftButton

ElseIf Not IsNull(strParam1) and Not IsNull(strParam2) and Not IsNull(strParam3) and IsNull(strParam4) Then

Obj.Click strParam1, strParam2, strParam3

ElseIf IsNull(strParam1) and IsNull(strParam2) and Not IsNull(strParam3) and IsNull(strParam4) Then

Obj.Click micNoCoordinate, micNoCoordinate, strParam3

End If

On error goto 0

If Obj.Exist(1) Then

'If ScreenShot = true thentake the screen shot

If strScreenShot="Y" Then

abs\_X = Obj.GetROProperty("abs\_x")

abs\_Y = Obj.GetROProperty("abs\_y")

height = Obj.GetROProperty("height")

width = Obj.GetROProperty("width")

fn\_TakeScreenshot TS\_Name, TC\_Name, Function\_Name, TC\_Step\_Id, abs\_X, abs\_Y, height, width

End If

End If

GlobalReporting(stepDescription)="Clicked on " & strObject

Keyword\_click = True

End Function

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

' Purpose: Determines which function to call based on keyword

'

' Inputs: strObject - Object Type and Name on which an action has to be performed

' strParent - Parent hirerarchy of the Object

' strAction - Action that needs to be performed

' strParam1 - Optional Parameter

' strParam2 - Optional Parameter

' strParam3 - Optional Parameter

' strParam4 - Optional Parameter

' strScreenShot - Boolean value to take screen shot

' - True, to take screenshot

' - False, to not take ss

' TS\_Name -

' Function\_Name -

' TC\_Step\_Id -

' Returns:

'

' Author: Ritesh Kawadkar

' Cretesd At: 10/4/2018

' Modified By:

' Reason For Change:

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Public Function Keyword\_dblClick(strObject, strParent, strParam1, strParam2, strParam3, strParam4, strScreenShot, TS\_Name, Function\_Name, TC\_Step\_Id, stepDescription, TC\_Name)

Set Obj = fn\_createObjects(strParent & strObject)

'validate if object Exists

If Obj.Exist(Environment("DELAY")) Then

Else

GlobalReporting(stepDescription)=strParent & strObject & " Object Not Found in " & Environment("DELAY")

WriteLog "STEP FAILED",strParent & strObject & " Object Not Found in " & Environment("DELAY")

Keyword\_dblClick = False

Exit Function

End If

'create Operation command

If IsNull(strParam1) Then

Obj.DblClick

End If

If Obj.Exist(1) Then

'If ScreenShot = true thentake the screen shot

If strScreenShot="Y" Then

abs\_X = Obj.GetROProperty("abs\_x")

abs\_Y = Obj.GetROProperty("abs\_y")

height = Obj.GetROProperty("height")

width = Obj.GetROProperty("width")

fn\_TakeScreenshot TS\_Name, TC\_Name, Function\_Name, TC\_Step\_Id, abs\_X, abs\_Y, height, width

End If

End If

GlobalReporting(stepDescription)="Clicked on " & strObject

Keyword\_dblClick = True

End Function

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

' Purpose: Determines which function to call based on keyword

'

' Inputs: strObject - Object Type and Name on which an action has to be performed

' strParent - Parent hirerarchy of the Object

' strAction - Action that needs to be performed

' strParam1 - Optional Parameter

' strParam2 - Optional Parameter

' strParam3 - Optional Parameter

' strParam4 - Optional Parameter

' strScreenShot - Boolean value to take screen shot

' - True, to take screenshot

' - False, to not take ss

' TS\_Name -

' Function\_Name -

' TC\_Step\_Id -

' Returns:

'

' Author: Ritesh Kawadkar

' Cretesd At: 10/4/2018

' Modified By:

' Reason For Change:

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Public Function Keyword\_drag(strObject, strParent, strParam1, strParam2, strParam3, strParam4, strScreenShot, TS\_Name, Function\_Name, TC\_Step\_Id, stepDescription, TC\_Name)

Set Obj = fn\_createObjects(strParent & strObject)

'validate if object Exists

If Obj.Exist(Environment("DELAY")) Then

Else

GlobalReporting(stepDescription)=strParent & strObject & " Object Not Found in " & Environment("DELAY")

WriteLog "STEP FAILED",strParent & strObject & " Object Not Found in " & Environment("DELAY")

Keyword\_drag = False

Exit Function

End If

'create Operation command

If IsNull(strParam1) and IsNull(strParam2) and IsNull(strParam3) and IsNull(strParam4) Then

Obj.Drag micNoCoordinates, micNoCoordinates, micLeftBtn

ElseIf Not IsNull(strParam1) and IsNull(strParam2) and IsNull(strParam3) and IsNull(strParam4) Then

Obj.Drag strParam1, micNoCoordinate, micLeftButton

ElseIf IsNull(strParam1) and Not IsNull(strParam2) and IsNull(strParam3) and IsNull(strParam4) Then

Obj.Drag micNoCoordinate, strParam2, micLeftButton

ElseIf Not IsNull(strParam1) and Not IsNull(strParam2) and Not IsNull(strParam3) and IsNull(strParam4) Then

Obj.Drag strParam1, strParam2, strParam3

ElseIf IsNull(strParam1) and IsNull(strParam2) and Not IsNull(strParam3) and IsNull(strParam4) Then

Obj.Drag micNoCoordinate, micNoCoordinate, strParam3

End If

If Obj.Exist(1) Then

'If ScreenShot = true thentake the screen shot

If strScreenShot="Y" Then

abs\_X = Obj.GetROProperty("abs\_x")

abs\_Y = Obj.GetROProperty("abs\_y")

height = Obj.GetROProperty("height")

width = Obj.GetROProperty("width")

fn\_TakeScreenshot TS\_Name, TC\_Name, Function\_Name, TC\_Step\_Id, abs\_X, abs\_Y, height, width

End If

End If

GlobalReporting(stepDescription)="Dragged " & strObject

Keyword\_drag = True

End Function

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

' Purpose: Determines which function to call based on keyword

'

' Inputs: strObject - Object Type and Name on which an action has to be performed

' strParent - Parent hirerarchy of the Object

' strAction - Action that needs to be performed

' strParam1 - Optional Parameter

' strParam2 - Optional Parameter

' strParam3 - Optional Parameter

' strParam4 - Optional Parameter

' strScreenShot - Boolean value to take screen shot

' - True, to take screenshot

' - False, to not take ss

' TS\_Name -

' Function\_Name -

' TC\_Step\_Id -

' Returns:

'

' Author: Ritesh Kawadkar

' Cretesd At: 10/4/2018

' Modified By:

' Reason For Change:

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Public Function Keyword\_drop(strObject, strParent, strParam1, strParam2, strParam3, strParam4, strScreenShot, TS\_Name, Function\_Name, TC\_Step\_Id, stepDescription, TC\_Name)

Set Obj = fn\_createObjects(strParent & strObject)

'validate if object Exists

If Obj.Exist(Environment("DELAY")) Then

Else

GlobalReporting(stepDescription)=strParent & strObject & " Object Not Found in " & Environment("DELAY")

WriteLog "STEP FAILED",strParent & strObject & " Object Not Found in " & Environment("DELAY")

Keyword\_drop = False

Exit Function

End If

'create Operation command

If IsNull(strParam1) and IsNull(strParam2) and IsNull(strParam3) and IsNull(strParam4) Then

Obj.Drop micNoCoordinates, micNoCoordinates, micLeftBtn

ElseIf Not IsNull(strParam1) and IsNull(strParam2) and IsNull(strParam3) and IsNull(strParam4) Then

Obj.Drop strParam1, micNoCoordinate, micLeftButton

ElseIf IsNull(strParam1) and Not IsNull(strParam2) and IsNull(strParam3) and IsNull(strParam4) Then

Obj.Drop micNoCoordinate, strParam2, micLeftButton

ElseIf Not IsNull(strParam1) and Not IsNull(strParam2) and Not IsNull(strParam3) and IsNull(strParam4) Then

Obj.Drop strParam1, strParam2, strParam3

ElseIf IsNull(strParam1) and IsNull(strParam2) and Not IsNull(strParam3) and IsNull(strParam4) Then

Obj.Drop micNoCoordinate, micNoCoordinate, strParam3

End If

If Obj.Exist(1) Then

'If ScreenShot = true thentake the screen shot

If strScreenShot="Y" Then

abs\_X = Obj.GetROProperty("abs\_x")

abs\_Y = Obj.GetROProperty("abs\_y")

height = Obj.GetROProperty("height")

width = Obj.GetROProperty("width")

fn\_TakeScreenshot TS\_Name, TC\_Name, Function\_Name, TC\_Step\_Id, abs\_X, abs\_Y, height, width

End If

End If

GlobalReporting(stepDescription)="Drapped " & strObject

Keyword\_drop = True

End Function

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

' Purpose: Determines which function to call based on keyword

'

' Inputs: strObject - Object Type and Name on which an action has to be performed

' strParent - Parent hirerarchy of the Object

' strAction - Action that needs to be performed

' strParam1 - Optional Parameter

' strParam2 - Optional Parameter

' strParam3 - Optional Parameter

' strParam4 - Optional Parameter

' strScreenShot - Boolean value to take screen shot

' - True, to take screenshot

' - False, to not take ss

' TS\_Name -

' Function\_Name -

' TC\_Step\_Id -

' Returns:

'

' Author: Ritesh Kawadkar

' Cretesd At: 10/4/2018

' Modified By:

' Reason For Change:

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Public Function Keyword\_set(strObject, strParent, strParam1, strParam2, strParam3, strParam4, strScreenShot, TS\_Name, Function\_Name, TC\_Step\_Id, stepDescription, TC\_Name)

Set Obj = fn\_createObjects(strParent & strObject)

'validate if object Exists

If Obj.Exist(Environment("DELAY")) Then

Else

GlobalReporting(stepDescription)=strParent & strObject & " Object Not Found in " & Environment("DELAY")

WriteLog "STEP FAILED",strParent & strObject & " Object Not Found in " & Environment("DELAY")

Keyword\_set = False

Exit Function

End If

'create Operation command

If strParam1 <> "" Then

Obj.Set strParam1

Else

Obj.Set ""

End If

'If ScreenShot = true thentake the screen shot

If strScreenShot="Y" Then

abs\_X = Obj.GetROProperty("abs\_x")

abs\_Y = Obj.GetROProperty("abs\_y")

height = Obj.GetROProperty("height")

width = Obj.GetROProperty("width")

fn\_TakeScreenshot TS\_Name, TC\_Name, Function\_Name, TC\_Step\_Id, abs\_X, abs\_Y, height, width

End If

GlobalReporting(stepDescription)="Set value in " & strObject

Keyword\_set = True

End Function

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

' Purpose: Determines which function to call based on keyword

'

' Inputs: strObject - Object Type and Name on which an action has to be performed

' strParent - Parent hirerarchy of the Object

' strAction - Action that needs to be performed

' strParam1 - Optional Parameter

' strParam2 - Optional Parameter

' strParam3 - Optional Parameter

' strParam4 - Optional Parameter

' strScreenShot - Boolean value to take screen shot

' - True, to take screenshot

' - False, to not take ss

' TS\_Name -

' Function\_Name -

' TC\_Step\_Id -

' Returns:

'

' Author: Ritesh Kawadkar

' Cretesd At: 10/4/2018

' Modified By:

' Reason For Change:

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Public Function Keyword\_setFocus(strObject, strParent, strParam1, strParam2, strParam3, strParam4, strScreenShot, TS\_Name, Function\_Name, TC\_Step\_Id, stepDescription, TC\_Name)

Set Obj = fn\_createObjects(strParent & strObject)

'validate if object Exists

If Obj.Exist(Environment("DELAY")) Then

Else

GlobalReporting(stepDescription)=strParent & strObject & " Object Not Found in " & Environment("DELAY")

WriteLog "STEP FAILED",strParent & strObject & " Object Not Found in " & Environment("DELAY")

Keyword\_setFocus = False

Exit Function

End If

'create Operation command

Obj.SetFocus

'If ScreenShot = true thentake the screen shot

If strScreenShot="Y" Then

abs\_X = Obj.GetROProperty("abs\_x")

abs\_Y = Obj.GetROProperty("abs\_y")

height = Obj.GetROProperty("height")

width = Obj.GetROProperty("width")

fn\_TakeScreenshot TS\_Name, TC\_Name, Function\_Name, TC\_Step\_Id, abs\_X, abs\_Y, height, width

End If

GlobalReporting(stepDescription)="SetFocus on " & strObject

Keyword\_setFocus = True

End Function

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

' Purpose: Determines which function to call based on keyword

'

' Inputs: strObject - Object Type and Name on which an action has to be performed

' strParent - Parent hirerarchy of the Object

' strAction - Action that needs to be performed

' strParam1 - Optional Parameter

' strParam2 - Optional Parameter

' strParam3 - Optional Parameter

' strParam4 - Optional Parameter

' strScreenShot - Boolean value to take screen shot

' - True, to take screenshot

' - False, to not take ss

' TS\_Name -

' Function\_Name -

' TC\_Step\_Id -

' Returns:

'

' Author: Ritesh Kawadkar

' Cretesd At: 10/4/2018

' Modified By:

' Reason For Change:

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Public Function Keyword\_highlight(strObject, strParent, strParam1, strParam2, strParam3, strParam4, strScreenShot, TS\_Name, Function\_Name, TC\_Step\_Id, stepDescription, TC\_Name)

Set Obj = fn\_createObjects(strParent & strObject)

'validate if object Exists

If Obj.Exist(Environment("DELAY")) Then

Else

GlobalReporting(stepDescription)=strParent & strObject & " Object Not Found in " & Environment("DELAY")

WriteLog "STEP FAILED",strParent & strObject & " Object Not Found in " & Environment("DELAY")

Keyword\_highlight = False

Exit Function

End If

'create Operation command

Obj.Highlight

'If ScreenShot = true thentake the screen shot

If strScreenShot="Y" Then

abs\_X = Obj.GetROProperty("abs\_x")

abs\_Y = Obj.GetROProperty("abs\_y")

height = Obj.GetROProperty("height")

width = Obj.GetROProperty("width")

fn\_TakeScreenshot TS\_Name, TC\_Name, Function\_Name, TC\_Step\_Id, abs\_X, abs\_Y, height, width

End If

GlobalReporting(stepDescription)="Highlighted " & strObject

Keyword\_highlight = True

End Function

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

' Purpose: Determines which function to call based on keyword

'

' Inputs: strObject - Object Type and Name on which an action has to be performed

' strParent - Parent hirerarchy of the Object

' strAction - Action that needs to be performed

' strParam1 - Optional Parameter

' strParam2 - Optional Parameter

' strParam3 - Optional Parameter

' strParam4 - Optional Parameter

' strScreenShot - Boolean value to take screen shot

' - True, to take screenshot

' - False, to not take ss

' TS\_Name -

' Function\_Name -

' TC\_Step\_Id -

' Returns:

'

' Author: Ritesh Kawadkar

' Cretesd At: 10/4/2018

' Modified By:

' Reason For Change:

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Public Function Keyword\_setSecure(strObject, strParent, strParam1, strParam2, strParam3, strParam4, strScreenShot, TS\_Name, Function\_Name, TC\_Step\_Id, stepDescription, TC\_Name)

Set Obj = fn\_createObjects(strParent & strObject)

'validate if object Exists

If Obj.Exist(Environment("DELAY")) Then

Else

GlobalReporting(stepDescription)=strParent & strObject & " Object Not Found in " & Environment("DELAY")

WriteLog "STEP FAILED",strParent & strObject & " Object Not Found in " & Environment("DELAY")

Keyword\_setSecure = False

Exit Function

End If

'create Operation command

If strParam1 <> "" Then

Obj.SetSecure strParam1

Else

Obj.SetSecure ""

End If

'If ScreenShot = true thentake the screen shot

If strScreenShot="Y" Then

abs\_X = Obj.GetROProperty("abs\_x")

abs\_Y = Obj.GetROProperty("abs\_y")

height = Obj.GetROProperty("height")

width = Obj.GetROProperty("width")

fn\_TakeScreenshot TS\_Name, TC\_Name, Function\_Name, TC\_Step\_Id, abs\_X, abs\_Y, height, width

End If

GlobalReporting(stepDescription)="Set value in " & strObject

Keyword\_setSecure = True

End Function

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

' Purpose: Determines which function to call based on keyword

'

' Inputs: strObject - Object Type and Name on which an action has to be performed

' strParent - Parent hirerarchy of the Object

' strAction - Action that needs to be performed

' strParam1 - Optional Parameter

' strParam2 - Optional Parameter

' strParam3 - Optional Parameter

' strParam4 - Optional Parameter

' strScreenShot - Boolean value to take screen shot

' - True, to take screenshot

' - False, to not take ss

' TS\_Name -

' Function\_Name -

' TC\_Step\_Id -

' Returns:

'

' Author: Ritesh Kawadkar

' Cretesd At: 10/4/2018

' Modified By:

' Reason For Change:

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Public Function Keyword\_select(strObject, strParent, strParam1, strParam2, strParam3, strParam4, strScreenShot, TS\_Name, Function\_Name, TC\_Step\_Id, stepDescription, TC\_Name)

Set Obj = fn\_createObjects(strParent & strObject)

'validate if object Exists

If Obj.Exist(Environment("DELAY")) Then

Else

GlobalReporting(stepDescription)=strParent & strObject & " Object Not Found in " & Environment("DELAY")

WriteLog "STEP FAILED",strParent & strObject & " Object Not Found in " & Environment("DELAY")

Keyword\_select = False

Exit Function

End If

'create Operation command

If strParam1 <> "" Then

If IsNumeric(strParam1) Then

Obj.Select CInt(strParam1)

Else

Obj.Select strParam1

End If

End If

'If ScreenShot = true thentake the screen shot

If strScreenShot="Y" and Obj.Exist(1) Then

abs\_X = Obj.GetROProperty("abs\_x")

abs\_Y = Obj.GetROProperty("abs\_y")

height = Obj.GetROProperty("height")

width = Obj.GetROProperty("width")

fn\_TakeScreenshot TS\_Name, TC\_Name, Function\_Name, TC\_Step\_Id, abs\_X, abs\_Y, height, width

End If

GlobalReporting(stepDescription)="Selected item from " & strObject

Keyword\_select = True

End Function

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

' Purpose: Determines which function to call based on keyword

'

' Inputs: strObject - Object Type and Name on which an action has to be performed

' strParent - Parent hirerarchy of the Object

' strAction - Action that needs to be performed

' strParam1 - Optional Parameter

' strParam2 - Optional Parameter

' strParam3 - Optional Parameter

' strParam4 - Optional Parameter

' strScreenShot - Boolean value to take screen shot

' - True, to take screenshot

' - False, to not take ss

' TS\_Name -

' Function\_Name -

' TC\_Step\_Id -

' Returns:

'

' Author: Ritesh Kawadkar

' Cretesd At: 10/4/2018

' Modified By:

' Reason For Change:

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Public Function Keyword\_type(strObject, strParent, strParam1, strParam2, strParam3, strParam4, strScreenShot, TS\_Name, Function\_Name, TC\_Step\_Id, stepDescription, TC\_Name)

Set Obj = fn\_createObjects(strParent & strObject)

'validate if object Exists

If Obj.Exist(Environment("DELAY")) Then

Else

GlobalReporting(stepDescription)=strParent & strObject & " Object Not Found in " & Environment("DELAY")

WriteLog "STEP FAILED",strParent & strObject & " Object Not Found in " & Environment("DELAY")

Keyword\_type = False

Exit Function

End If

'create Operation command

If strParam1 <> "" Then

Obj.Type strParam1

End If

If Not IsNull(strParam2) Then

If Left(strParam2, 5)="OUT>>" Then

strParam2 = Replace(strParam2, "OUT>>", "")

End If

Set objKeyword = new Connections

'check if the variable nam ealready exists

objKeyword.fnConnectToIOXL GlobalDictionary("TestDataPath"), TS\_Name

strQuery = "Select Count(\*) from [Output$] WHERE [TestCases] = '" & TC\_Name & "' and [Variables] = '" & strParam2 & "'"

objKeyword.fnExecuteQuery(strQuery)

count = objKeyword.objRecordSet.Fields(0).Value

Set objKeyword = Nothing

Set objKeyword = new Connections

objKeyword.fnConnectToXLForWriting GlobalDictionary("TestDataPath"), TS\_Name

If count>0 Then

'UPDATE the variable's value

strQuery = "UPDATE [Output$] SET [Values] = '" & strParam1 & "' WHERE [TestCases] = '" & TC\_Name & "' and [Variables] = '" & strParam2 & "'"

Else

'INSERT new variable

strQuery = "INSERT INTO [Output$] VALUES('" & TC\_Name & "','" & strParam2 & "','" & strParam1 & "')"

End If

objKeyword.fnWriteToExcel(strQuery)

Set objKeyword = Nothing

End If

'If ScreenShot = true thentake the screen shot

If strScreenShot="Y" Then

abs\_X = Obj.GetROProperty("abs\_x")

abs\_Y = Obj.GetROProperty("abs\_y")

height = Obj.GetROProperty("height")

width = Obj.GetROProperty("width")

fn\_TakeScreenshot TS\_Name, TC\_Name, Function\_Name, TC\_Step\_Id, abs\_X, abs\_Y, height, width

End If

GlobalReporting(stepDescription)="Typed value in " & strObject

Keyword\_type = True

End Function

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

' Purpose: Determines which function to call based on keyword

'

' Inputs: strObject - Object Type and Name on which an action has to be performed

' strParent - Parent hirerarchy of the Object

' strAction - Action that needs to be performed

' strParam1 - Optional Parameter

' strParam2 - Optional Parameter

' strParam3 - Optional Parameter

' strParam4 - Optional Parameter

' strScreenShot - Boolean value to take screen shot

' - True, to take screenshot

' - False, to not take ss

' TS\_Name -

' Function\_Name -

' TC\_Step\_Id -

' Returns:

'

' Author: Ritesh Kawadkar

' Cretesd At: 10/4/2018

' Modified By:

' Reason For Change:

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Public Function Keyword\_getROProperty(strObject, strParent, strParam1, strParam2, strParam3, strParam4, strScreenShot, TS\_Name, Function\_Name, TC\_Step\_Id, stepDescription, TC\_Name)

Set Obj = fn\_createObjects(strParent & strObject)

'validate if object Exists

If Obj.Exist(Environment("DELAY")) Then

Else

GlobalReporting(stepDescription)=strParent & strObject & " Object Not Found in " & Environment("DELAY")

WriteLog "STEP FAILED",strParent & strObject & " Object Not Found in " & Environment("DELAY")

Keyword\_getROProperty = False

Exit Function

End If

'create Operation command

If strParam1 <> "" Then

roPropertyValue = Obj.GetROProperty(strParam1)

Else

GlobalReporting(stepDescription)=strParent & strObject & " No parameter were provided to fetch the property"

WriteLog "STEP FAILED",strParent & strObject & " No parameter were provided to fetch the property"

Keyword\_getROProperty = False

Exit Function

End If

If strParam2 <> "" Then

If Left(strParam2, 5)="OUT>>" Then

strParam2 = Replace(strParam2, "OUT>>", "")

Set objKeyword = new Connections

'check if the variable nam ealready exists

objKeyword.fnConnectToIOXL GlobalDictionary("TestDataPath"), TS\_Name

strQuery = "Select Count(\*) from [Output$] WHERE [TestCases] = '" & TC\_Name & "' and [Variables] = '" & strParam2 & "'"

count = 0

objKeyword.fnExecuteQuery(strQuery)

count = objKeyword.objRecordSet.Fields(0).Value

Set objKeyword = Nothing

Set objKeyword = new Connections

objKeyword.fnConnectToXLForWriting GlobalDictionary("TestDataPath"), TS\_Name

If count>0 Then

'UPDATE the variable's value

strQuery = "UPDATE [Output$] SET [Values] = '" & roPropertyValue & "' WHERE [TestCases] = '" & TC\_Name & "' and [Variables] = '" & strParam2 & "'"

Else

'INSERT new variable

strQuery = "INSERT INTO [Output$] VALUES('" & TC\_Name & "','" & strParam2 & "','" & roPropertyValue & "')"

End If

objKeyword.fnWriteToExcel(strQuery)

Set objKeyword = Nothing

ElseIf Left(strParam2, 4)="GD>>" Then

strParam2 = Replace(strParam2, "GD>>", "")

If GlobalDictionary.Exists(strParam2) Then

GlobalDictionary(strParam2) = roPropertyValue

Else

GlobalDictionary.Add strParam2, roPropertyValue

End If

End If

End If

If strScreenShot="Y" Then

abs\_X = Obj.GetROProperty("abs\_x")

abs\_Y = Obj.GetROProperty("abs\_y")

height = Obj.GetROProperty("height")

width = Obj.GetROProperty("width")

fn\_TakeScreenshot TS\_Name, TC\_Name, Function\_Name, TC\_Step\_Id, abs\_X, abs\_Y, height, width

End If

GlobalReporting(stepDescription)="Fetched RO property " & strParam2 & " from " & strObject

Keyword\_getROProperty = True

End Function

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

' Purpose: Determines which function to call based on keyword

'

' Inputs: strObject - Object Type and Name on which an action has to be performed

' strParent - Parent hirerarchy of the Object

' strAction - Action that needs to be performed

' strParam1 - Optional Parameter

' strParam2 - Optional Parameter

' strParam3 - Optional Parameter

' strParam4 - Optional Parameter

' strScreenShot - Boolean value to take screen shot

' - True, to take screenshot

' - False, to not take ss

' TS\_Name -

' Function\_Name -

' TC\_Step\_Id -

' Returns:

'

' Author: Ritesh Kawadkar

' Cretesd At: 10/4/2018

' Modified By:

' Reason For Change:

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Public Function Keyword\_exists(strObject, strParent, strParam1, strParam2, strParam3, strParam4, strScreenShot, TS\_Name, Function\_Name, TC\_Step\_Id, stepDescription, TC\_Name)

Set Obj = fn\_createObjects(strParent & strObject)

'create Operation command

If strParam1 <> "" Then

'validate if object Exists

If Obj.Exist(CInt(strParam1)) Then

Obj.Highlight

Else

GlobalReporting(stepDescription)=strParent & strObject & " Object Not Found in " & strParam1 & " Seconds"

WriteLog "STEP FAILED",strParent & strObject & " Object Not Found in " & strParam1 & " Seconds"

Keyword\_exists = False

Exit Function

End If

Else

'validate if object Exists

If Obj.Exist(Environment("DELAY")) Then

Obj.Highlight

Else

GlobalReporting(stepDescription)=strParent & strObject & " Object Not Found in " & Environment("DELAY")

WriteLog "STEP FAILED",strParent & strObject & " Object Not Found in " & Environment("DELAY")

Keyword\_exists = False

Exit Function

End If

End If

'If ScreenShot = true thentake the screen shot

If strScreenShot="Y" Then

abs\_X = Obj.GetROProperty("abs\_x")

abs\_Y = Obj.GetROProperty("abs\_y")

height = Obj.GetROProperty("height")

width = Obj.GetROProperty("width")

fn\_TakeScreenshot TS\_Name, TC\_Name, Function\_Name, TC\_Step\_Id, abs\_X, abs\_Y, height, width

End If

GlobalReporting(stepDescription)="Validated the existence of " & strObject

Keyword\_exists = True

End Function

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

' Purpose: Determines which function to call based on keyword

'

' Inputs: strObject - Object Type and Name on which an action has to be performed

' strParent - Parent hirerarchy of the Object

' strAction - Action that needs to be performed

' strParam1 - Optional Parameter

' strParam2 - Optional Parameter

' strParam3 - Optional Parameter

' strParam4 - Optional Parameter

' strScreenShot - Boolean value to take screen shot

' - True, to take screenshot

' - False, to not take ss

' TS\_Name -

' Function\_Name -

' TC\_Step\_Id -

' Returns:

'

' Author: Ritesh Kawadkar

' Cretesd At: 10/4/2018

' Modified By:

' Reason For Change:

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Public Function Keyword\_selectListItem(strObject, strParent, strParam1, strParam2, strParam3, strParam4, strScreenShot, TS\_Name, Function\_Name, TC\_Step\_Id, stepDescription, TC\_Name)

Set Obj = fn\_createObjects(strParent & strObject)

'validate if object Exists

If Obj.Exist(Environment("DELAY")) Then

Else

GlobalReporting(stepDescription)=strParent & strObject & " Object Not Found in " & Environment("DELAY")

WriteLog "STEP FAILED",strParent & strObject & " Object Not Found in " & Environment("DELAY")

Keyword\_selectListItem = False

Exit Function

End If

'create Operation command

If Not IsNull(strParam1) and Not IsNull(strParam2) Then

listItemContexts = Obj.GetVisibleText

arrListItems = split(listItemContexts, vbNewLine)

For i = 0 To UBound(arrListItems) Step 3

If InStr(1, arrListItems(i), strParam1)>0 and InStr(1, arrListItems(i+2), strParam2)>0 Then

Obj.Select i/3

Exit For

End If

Next

End If

'If ScreenShot = true thentake the screen shot

If strScreenShot="Y" Then

abs\_X = Obj.GetROProperty("abs\_x")

abs\_Y = Obj.GetROProperty("abs\_y")

height = Obj.GetROProperty("height")

width = Obj.GetROProperty("width")

fn\_TakeScreenshot TS\_Name, TC\_Name, Function\_Name, TC\_Step\_Id, abs\_X, abs\_Y, height, width

End If

GlobalReporting(stepDescription)="Selected item from the list " & strObject

Keyword\_selectListItem = True

End Function

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

' Purpose: Determines which function to call based on keyword

'

' Inputs: strObject - Object Type and Name on which an action has to be performed

' strParent - Parent hirerarchy of the Object

' strAction - Action that needs to be performed

' strParam1 - Optional Parameter

' strParam2 - Optional Parameter

' strParam3 - Optional Parameter

' strParam4 - Optional Parameter

' strScreenShot - Boolean value to take screen shot

' - True, to take screenshot

' - False, to not take ss

' TS\_Name -

' Function\_Name -

' TC\_Step\_Id -

' Returns:

'

' Author: Ritesh Kawadkar

' Cretesd At: 10/4/2018

' Modified By:

' Reason For Change:

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Public Function Keyword\_sendKeys(strObject, strParent, strParam1, strParam2, strParam3, strParam4, strScreenShot, TS\_Name, Function\_Name, TC\_Step\_Id, stepDescription, TC\_Name)

Set Obj = fn\_createObjects(strParent & strObject)

'validate if object Exists

If Obj.Exist(Environment("DELAY")) Then

Else

GlobalReporting(stepDescription)=strParent & strObject & " Object Not Found in " & Environment("DELAY")

WriteLog "STEP FAILED",strParent & strObject & " Object Not Found in " & Environment("DELAY")

Keyword\_sendKeys = False

Exit Function

End If

'create Operation command

Set oShell = CreateObject("Wscript.ShelL")

If strParam1<>"" Then

oShell.SendKeys "" & strParam1 & ""

End If

Set oShell = Nothing

'If ScreenShot = true thentake the screen shot

If strScreenShot="Y" Then

abs\_X = Obj.GetROProperty("abs\_x")

abs\_Y = Obj.GetROProperty("abs\_y")

height = Obj.GetROProperty("height")

width = Obj.GetROProperty("width")

fn\_TakeScreenshot TS\_Name, TC\_Name, Function\_Name, TC\_Step\_Id, abs\_X, abs\_Y, height, width

End If

GlobalReporting(stepDescription)="Sent keyboard keys to " & strObject

Keyword\_sendKeys = True

End Function

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

' Purpose: Determines which function to call based on keyword

'

' Inputs: strObject - Object Type and Name on which an action has to be performed

' strParent - Parent hirerarchy of the Object

' strAction - Action that needs to be performed

' strParam1 - Optional Parameter

' strParam2 - Optional Parameter

' strParam3 - Optional Parameter

' strParam4 - Optional Parameter

' strScreenShot - Boolean value to take screen shot

' - True, to take screenshot

' - False, to not take ss

' TS\_Name -

' Function\_Name -

' TC\_Step\_Id -

' Returns:

'

' Author: Ritesh Kawadkar

' Cretesd At: 10/4/2018

' Modified By:

' Reason For Change:

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Public Function Keyword\_activate(strObject, strParent, strParam1, strParam2, strParam3, strParam4, strScreenShot, TS\_Name, Function\_Name, TC\_Step\_Id, stepDescription, TC\_Name)

Set Obj = fn\_createObjects(strParent & strObject)

'validate if object Exists

If Obj.Exist(Environment("DELAY")) Then

Else

GlobalReporting(stepDescription)=strParent & strObject & " Object Not Found in " & Environment("DELAY")

WriteLog "STEP FAILED",strParent & strObject & " Object Not Found in " & Environment("DELAY")

Keyword\_activate = False

Exit Function

End If

'If ScreenShot = true thentake the screen shot

If strScreenShot="Y" Then

abs\_X = Obj.GetROProperty("abs\_x")

abs\_Y = Obj.GetROProperty("abs\_y")

height = Obj.GetROProperty("height")

width = Obj.GetROProperty("width")

fn\_TakeScreenshot TS\_Name, TC\_Name, Function\_Name, TC\_Step\_Id, abs\_X, abs\_Y, height, width

End If

'create Operation command

If strParam1<>"" Then

Obj.Activate strParam1

End If

GlobalReporting(stepDescription)="Opened item from list " & strObject

Keyword\_activate = True

End Function

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

' Purpose: Determines which function to call based on keyword

'

' Inputs: strObject - Object Type and Name on which an action has to be performed

' strParent - Parent hirerarchy of the Object

' strAction - Action that needs to be performed

' strParam1 - Optional Parameter

' strParam2 - Optional Parameter

' strParam3 - Optional Parameter

' strParam4 - Optional Parameter

' strScreenShot - Boolean value to take screen shot

' - True, to take screenshot

' - False, to not take ss

' TS\_Name -

' Function\_Name -

' TC\_Step\_Id -

' Returns:

'

' Author: Ritesh Kawadkar

' Cretesd At: 10/4/2018

' Modified By:

' Reason For Change:

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Public Function Keyword\_ifExistsThenClick(strObject, strParent, strParam1, strParam2, strParam3, strParam4, strScreenShot, TS\_Name, Function\_Name, TC\_Step\_Id, stepDescription, TC\_Name)

Set Obj = fn\_createObjects(strParent & strObject)

If Not IsNull(strParam1) Then

'create Operation command

If Obj.Exist(Cint(strParam1)) Then

If strScreenShot="Y" Then

abs\_X = Obj.GetROProperty("abs\_x")

abs\_Y = Obj.GetROProperty("abs\_y")

height = Obj.GetROProperty("height")

width = Obj.GetROProperty("width")

fn\_TakeScreenshot TS\_Name, TC\_Name, Function\_Name, TC\_Step\_Id, abs\_X, abs\_Y, height, width

End If

Obj.Click

Else

GlobalReporting(stepDescription)=strParent & strObject & " Object Not Found in " & Cint(strParam1) & " Seconds"

End If

Else

'create Operation command

If Obj.Exist(Environment("DELAY")) Then

If strScreenShot="Y" Then

abs\_X = Obj.GetROProperty("abs\_x")

abs\_Y = Obj.GetROProperty("abs\_y")

height = Obj.GetROProperty("height")

width = Obj.GetROProperty("width")

fn\_TakeScreenshot TS\_Name, TC\_Name, Function\_Name, TC\_Step\_Id, abs\_X, abs\_Y, height, width

End If

Obj.Click

Else

GlobalReporting(stepDescription)=strParent & strObject & " Object Not Found in " & Environment("DELAY")

End If

End If

GlobalReporting(stepDescription)="Clikced on the object " & strObject

Keyword\_ifExistsThenClick = True

End Function

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

' Purpose: Determines which function to call based on keyword

'

' Inputs: strObject - Object Type and Name on which an action has to be performed

' strParent - Parent hirerarchy of the Object

' strAction - Action that needs to be performed

' strParam1 - Optional Parameter

' strParam2 - Optional Parameter

' strParam3 - Optional Parameter

' strParam4 - Optional Parameter

' strScreenShot - Boolean value to take screen shot

' - True, to take screenshot

' - False, to not take ss

' TS\_Name -

' Function\_Name -

' TC\_Step\_Id -

' Returns:

'

' Author: Ritesh Kawadkar

' Cretesd At: 10/4/2018

' Modified By:

' Reason For Change:

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Public Function Keyword\_isChecked(strObject, strParent, strParam1, strParam2, strParam3, strParam4, strScreenShot, TS\_Name, strFunctionName, strTCStepID, stepDescription, TC\_Name)

Set Obj = fn\_createObjects(strParent & strObject)

'validate if object Exists

If Obj.Exist(Environment("DELAY")) Then

Obj.Highlight

Else

GlobalReporting(stepDescription)=strParent & strObject & " Object Not Found in " & Environment("DELAY")

WriteLog "STEP FAILED",strParent & strObject & " Object Not Found in " & Environment("DELAY")

Keyword\_isChecked = False

Exit Function

End If

'create Operation command

If Cint(strParam1) = Cint(Obj.getROProperty("togglestate")) Then

result = "Passed"

Else

result = "Failed"

End If

If strParam2 <> "" Then

If Left(strParam2, 5)="OUT>>" Then

strParam2 = Replace(strParam2, "OUT>>", "")

End If

Set objKeyword = new Connections

objKeyword.fnConnectToIOXL GlobalDictionary("TestDataPath"), TS\_Name

strQuery = "Select Count(\*) from [Output$] WHERE [TestCases] = '" & TC\_Name & "' and [Variables] = '" & strParam2 & "'"

count = 0

objKeyword.fnExecuteQuery(strQuery)

count = objKeyword.objRecordSet.Fields(0).Value

Set objKeyword = Nothing

Set objKeyword = new Connections

objKeyword.fnConnectToXLForWriting GlobalDictionary("TestDataPath"), TS\_Name

If count>0 Then

'UPDATE the variable's value

strQuery = "UPDATE [Output$] SET [Values] = '" & result & "' WHERE [TestCases] = '" & TC\_Name & "' and [Variables] = '" & strParam2 & "'"

Else

'INSERT new variable

strQuery = "INSERT INTO [Output$] VALUES('" & TC\_Name & "','" & strParam2 & "','" & result & "')"

End If

objKeyword.fnWriteToExcel(strQuery)

Set objKeyword = Nothing

End If

If strScreenShot="Y" and Obj.Exist(5) Then

abs\_X = Obj.GetROProperty("abs\_x")

abs\_Y = Obj.GetROProperty("abs\_y")

height = Obj.GetROProperty("height")

width = Obj.GetROProperty("width")

fn\_TakeScreenshot TS\_Name, TC\_Name, Function\_Name, TC\_Step\_Id, abs\_X, abs\_Y, height, width

End If

GlobalReporting(stepDescription)="Checkbox status is as expected"

Keyword\_isChecked = True

End Function

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

' Purpose: Determines which function to call based on keyword

'

' Inputs: strObject - Object Type and Name on which an action has to be performed

' strParent - Parent hirerarchy of the Object

' strAction - Action that needs to be performed

' strParam1 - Optional Parameter

' strParam2 - Optional Parameter

' strParam3 - Optional Parameter

' strParam4 - Optional Parameter

' strScreenShot - Boolean value to take screen shot

' - True, to take screenshot

' - False, to not take ss

' TS\_Name -

' Function\_Name -

' TC\_Step\_Id -

' Returns:

'

' Author: Ritesh Kawadkar

' Cretesd At: 10/4/2018

' Modified By:

' Reason For Change:

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Public Function Keyword\_setTOProperty(strObject, strParent, strParam1, strParam2, strParam3, strParam4, strScreenShot, TS\_Name, Function\_Name, TC\_Step\_Id, stepDescription, TC\_Name)

Set Obj = fn\_createObjects(strParent & strObject)

'validate if object Exists

If Obj.Exist(Environment("DELAY")) Then

Else

GlobalReporting(stepDescription)=strParent & strObject & " Object Not Found in " & Environment("DELAY")

WriteLog "STEP FAILED",strParent & strObject & " Object Not Found in " & Environment("DELAY")

Keyword\_setTOProperty = False

Exit Function

End If

'create Operation command

If Not IsNull(strParam1) and Not IsNull(strParam2) Then

Obj.SetTOProperty strParam1, strParam2

Else

GlobalReporting(stepDescription)=strParent & strObject & " No parameter were provided to fetch the property"

Print strParent & strObject & " No parameter were provided to fetch the property"

Keyword\_setTOProperty = False

Exit Function

End If

If strScreenShot="Y" Then

abs\_X = Obj.GetROProperty("abs\_x")

abs\_Y = Obj.GetROProperty("abs\_y")

height = Obj.GetROProperty("height")

width = Obj.GetROProperty("width")

fn\_TakeScreenshot TS\_Name, TC\_Name, Function\_Name, TC\_Step\_Id, abs\_X, abs\_Y, height, width

End If

GlobalReporting(stepDescription)="Set property " & strParam2 & " for " & strObject

Keyword\_setTOProperty = True

End Function

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

' Purpose: Determines which function to call based on keyword

'

' Inputs: strObject - Object Type and Name on which an action has to be performed

' strParent - Parent hirerarchy of the Object

' strAction - Action that needs to be performed

' strParam1 - Optional Parameter

' strParam2 - Optional Parameter

' strParam3 - Optional Parameter

' strParam4 - Optional Parameter

' strScreenShot - Boolean value to take screen shot

' - True, to take screenshot

' - False, to not take ss

' TS\_Name -

' Function\_Name -

' TC\_Step\_Id -

' Returns:

'

' Author: Ritesh Kawadkar

' Cretesd At: 10/4/2018

' Modified By:

' Reason For Change:

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Public Function Keyword\_isReadOnly(strObject, strParent, strParam1, strParam2, strParam3, strParam4, strScreenShot, TS\_Name, strFunctionName, strTCStepID, stepDescription, TC\_Name)

Set Obj = fn\_createObjects(strParent & strObject)

'validate if object Exists

If Obj.Exist(Environment("DELAY")) Then

Obj.Highlight

Else

GlobalReporting(stepDescription)=strParent & strObject & " Object Not Found in " & Environment("DELAY")

WriteLog "STEP FAILED", strParent & strObject & " Object Not Found in " & Environment("DELAY")

Keyword\_isReadOnly = False

Exit Function

End If

'create Operation command

If Obj.GetROProperty("micclass")="UIAObject" Then

Obj.Type "Test"

If Obj.GetROProperty("text")="Test" Then

result = "Failed"

GlobalReporting(stepDescription)="Object readonly status is not as expected"

Keyword\_isReadOnly = False

Exit Function

Else

result = "Passed"

End If

Else

If UCase(strParam1) = UCase(Obj.getROProperty("isreadonly")) Then

result = "Passed"

Else

result = "Failed"

GlobalReporting(stepDescription)="Object readonly status is not as expected"

Keyword\_isReadOnly = False

Exit Function

End If

End If

If strParam2 <> "" Then

If Left(strParam2, 5)="OUT>>" Then

strParam2 = Replace(strParam2, "OUT>>", "")

End If

Set objKeyword = new Connections

objKeyword.fnConnectToIOXL GlobalDictionary("TestDataPath"), TS\_Name

strQuery = "Select Count(\*) from [Output$] WHERE [TestCases] = '" & TC\_Name & "' and [Variables] = '" & strParam2 & "'"

count = 0

objKeyword.fnExecuteQuery(strQuery)

count = objKeyword.objRecordSet.Fields(0).Value

Set objKeyword = Nothing

Set objKeyword = new Connections

objKeyword.fnConnectToXLForWriting GlobalDictionary("TestDataPath"), TS\_Name

If count>0 Then

'UPDATE the variable's value

strQuery = "UPDATE [Output$] SET [Values] = '" & result & "' WHERE [TestCases] = '" & TC\_Name & "' and [Variables] = '" & strParam2 & "'"

Else

'INSERT new variable

strQuery = "INSERT INTO [Output$] VALUES('" & TC\_Name & "','" & strParam2 & "','" & result & "')"

End If

objKeyword.fnWriteToExcel(strQuery)

Set objKeyword = Nothing

End If

If strScreenShot="Y" and Obj.Exist(5) Then

abs\_X = Obj.GetROProperty("abs\_x")

abs\_Y = Obj.GetROProperty("abs\_y")

height = Obj.GetROProperty("height")

width = Obj.GetROProperty("width")

fn\_TakeScreenshot TS\_Name, TC\_Name, Function\_Name, TC\_Step\_Id, abs\_X, abs\_Y, height, width

End If

GlobalReporting(stepDescription)="Object readonly status is as expected"

Keyword\_isReadOnly = True

End Function

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

' Purpose: Determines which function to call based on keyword

'

' Inputs: strObject - Object Type and Name on which an action has to be performed

' strParent - Parent hirerarchy of the Object

' strAction - Action that needs to be performed

' strParam1 - Optional Parameter

' strParam2 - Optional Parameter

' strParam3 - Optional Parameter

' strParam4 - Optional Parameter

' strScreenShot - Boolean value to take screen shot

' - True, to take screenshot

' - False, to not take ss

' TS\_Name -

' Function\_Name -

' TC\_Step\_Id -

' Returns:

'

' Author: Ritesh Kawadkar

' Cretesd At: 10/4/2018

' Modified By:

' Reason For Change:

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Public Function Keyword\_validateModifiedByAt\_OLD(strObject, strParent, strParam1, strParam2, strParam3, strParam4, strScreenShot, TS\_Name, strFunctionName, strTCStepID, stepDescription, TC\_Name)

Set Obj = fn\_createObjects(strParent & strObject)

'validate if object Exists

If Obj.Exist(Environment("DELAY")) Then

Else

GlobalReporting(stepDescription)=strParent & strObject & " Object Not Found in " & Environment("DELAY")

WriteLog "STEP FAILED",strParent & strObject & " Object Not Found in " & Environment("DELAY")

Keyword\_isReadOnly = False

Exit Function

End If

'create Operation command

value = "Contact column Title value " & strParam1 & ".\* column Modified at value " & strParam2 & " [\d|:]\* column Modified by value " & strParam3 & " column Changed by value admin Row 1 of 1"

Set oDesc = Description.Create

oDesc("micClass").value= "UIAObject"

oDesc("controltype").value= "ListItem"

oDesc("name").value= value

oDesc("supportedpatterns").value= "Invoke;SelectionItem;LegacyIAccessible"

Set list = Obj.ChildObjects(oDesc)

If list.Count=1 Then

list.Highlight

Else

GlobalReporting(stepDescription)=strParent & strObject & " Object Not Found in 10 Seconds"

Print strParent & strObject & " Object Not Found in 10 Seconds"

Keyword\_validateModifiedByAt = False

Exit Function

End If

If strScreenShot="Y" and Obj.Exist(5) Then

abs\_X = Obj.GetROProperty("abs\_x")

abs\_Y = Obj.GetROProperty("abs\_y")

height = Obj.GetROProperty("height")

width = Obj.GetROProperty("width")

fn\_TakeScreenshot TS\_Name, TC\_Name, Function\_Name, TC\_Step\_Id, abs\_X, abs\_Y, height, width

End If

GlobalReporting(stepDescription)="List item found within the Search Grid"

Keyword\_validateModifiedByAt = True

End Function

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

' Purpose: Determines which function to call based on keyword

'

' Inputs: strObject - Object Type and Name on which an action has to be performed

' strParent - Parent hirerarchy of the Object

' strAction - Action that needs to be performed

' strParam1 - Optional Parameter

' strParam2 - Optional Parameter

' strParam3 - Optional Parameter

' strParam4 - Optional Parameter

' strScreenShot - Boolean value to take screen shot

' - True, to take screenshot

' - False, to not take ss

' TS\_Name -

' Function\_Name -

' TC\_Step\_Id -

' Returns:

'

' Author: Ritesh Kawadkar

' Cretesd At: 10/4/2018

' Modified By:

' Reason For Change:

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Public Function Keyword\_validateModifiedByAt(strObject, strParent, strParam1, strParam2, strParam3, strParam4, strScreenShot, TS\_Name, strFunctionName, strTCStepID, stepDescription, TC\_Name)

Set Obj = fn\_createObjects(strParent & strObject)

'validate if object Exists

If Obj.Exist(Environment("DELAY")) Then

Else

GlobalReporting(stepDescription)=strParent & strObject & " Object Not Found in " & Environment("DELAY")

WriteLog "STEP FAILED", strParent & strObject & " Object Not Found in " & Environment("DELAY")

Keyword\_isReadOnly = False

Exit Function

End If

'create Operation command

Obj.Click

firstText = Obj.GetVisibleText

On Error Resume Next

Obj.SetScrollPercent 100, 0

On Error Goto 0

lastText = Obj.GetVisibleText

firstText = Replace(firstText, vbNewLine, " ")

lastText = Replace(lastText, vbNewLine, " ")

ContactText = firstText & " " & lastText

Set regX = New RegExp

regX.Global = true

regX.IgnoreCase = True

regX.pattern = strParam1 & ".\* " & strParam2 & " [\d|:]\* " & strParam3 & ".\* admin"

If Not regX.Execute(ContactText).Count=1 Then

GlobalReporting(stepDescription)="Please validate the modified by and modified at time"

End If

If strScreenShot="Y" and Obj.Exist(5) Then

abs\_X = Obj.GetROProperty("abs\_x")

abs\_Y = Obj.GetROProperty("abs\_y")

height = Obj.GetROProperty("height")

width = Obj.GetROProperty("width")

fn\_TakeScreenshot TS\_Name, TC\_Name, Function\_Name, TC\_Step\_Id, abs\_X, abs\_Y, height, width

End If

GlobalReporting(stepDescription)="List item found within the Search Grid"

Keyword\_validateModifiedByAt = True

End Function

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

' Purpose: Determines which function to call based on keyword

'

' Inputs: strObject - Object Type and Name on which an action has to be performed

' strParent - Parent hirerarchy of the Object

' strAction - Action that needs to be performed

' strParam1 - Optional Parameter

' strParam2 - Optional Parameter

' strParam3 - Optional Parameter

' strParam4 - Optional Parameter

' strScreenShot - Boolean value to take screen shot

' - True, to take screenshot

' - False, to not take ss

' TS\_Name -

' Function\_Name -

' TC\_Step\_Id -

' Returns:

'

' Author: Ritesh Kawadkar

' Cretesd At: 10/4/2018

' Modified By:

' Reason For Change:

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Public Function Keyword\_listCount(strObject, strParent, strParam1, strParam2, strParam3, strParam4, strScreenShot, TS\_Name, strFunctionName, strTCStepID, stepDescription, TC\_Name)

Set Obj = fn\_createObjects(strParent & strObject)

'validate if object Exists

If Obj.Exist(Environment("DELAY")) Then

Obj.Highlight

Else

GlobalReporting(stepDescription)=strParent & strObject & " Object Not Found in " & Environment("DELAY")

WriteLog "STEP FAILED",strParent & strObject & " Object Not Found in " & Environment("DELAY")

Keyword\_listCount = False

Exit Function

End If

'create Operation command

result = Obj.GetItems.Count

If strParam1 <> "" Then

If Left(strParam1, 5)="OUT>>" Then

strParam1 = Replace(strParam1, "OUT>>", "")

End If

Set objKeyword = new Connections

objKeyword.fnConnectToIOXL GlobalDictionary("TestDataPath"), TS\_Name

strQuery = "Select Count(\*) from [Output$] WHERE [TestCases] = '" & TC\_Name & "' and [Variables] = '" & strParam1 & "'"

count = 0

objKeyword.fnExecuteQuery(strQuery)

count = objKeyword.objRecordSet.Fields(0).Value

Set objKeyword = Nothing

Set objKeyword = new Connections

objKeyword.fnConnectToXLForWriting GlobalDictionary("TestDataPath"), TS\_Name

If count>0 Then

'UPDATE the variable's value

strQuery = "UPDATE [Output$] SET [Values] = '" & result & "' WHERE [TestCases] = '" & TC\_Name & "' and [Variables] = '" & strParam1 & "'"

Else

'INSERT new variable

strQuery = "INSERT INTO [Output$] VALUES('" & TC\_Name & "','" & strParam1 & "','" & result & "')"

End If

objKeyword.fnWriteToExcel(strQuery)

Set objKeyword = Nothing

End If

If strScreenShot="Y" and Obj.Exist(5) Then

abs\_X = Obj.GetROProperty("abs\_x")

abs\_Y = Obj.GetROProperty("abs\_y")

height = Obj.GetROProperty("height")

width = Obj.GetROProperty("width")

fn\_TakeScreenshot TS\_Name, TC\_Name, Function\_Name, TC\_Step\_Id, abs\_X, abs\_Y, height, width

End If

GlobalReporting(stepDescription)="Items count retrieved from grid"

Keyword\_listCount = True

End Function

'Keyword\_click

'Keyword\_drag

'Keyword\_drop

'Keyword\_set

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

' Purpose: Determines which function to call based on keyword

'

' Inputs: strObject - Object Type and Name on which an action has to be performed

' strParent - Parent hirerarchy of the Object

' strAction - Action that needs to be performed

' strParam1 - Optional Parameter

' strParam2 - Optional Parameter

' strParam3 - Optional Parameter

' strParam4 - Optional Parameter

' strScreenShot - Boolean value to take screen shot

' - True, to take screenshot

' - False, to not take ss

' TS\_Name -

' Function\_Name -

' TC\_Step\_Id -

' Returns:

'

' Author: Ritesh Kawadkar

' Cretesd At: 10/4/2018

' Modified By:

' Reason For Change:

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Public Function Keyword\_click(strObject, strParent, strParam1, strParam2, strParam3, strParam4, strScreenShot, TS\_Name, Function\_Name, TC\_Step\_Id, stepDescription, TC\_Name)

Set Obj = fn\_createObjects(strParent & strObject)

'validate if object Exists

If Obj.Exist(Environment("DELAY")) Then

Else

GlobalReporting(stepDescription)=strParent & strObject & " Object Not Found in " & Environment("DELAY")

WriteLog "STEP FAILED",strParent & strObject & " Object Not Found in " & Environment("DELAY")

Keyword\_click = False

Exit Function

End If

On Error resume next

'create Operation command

If (IsNull(strParam1) or strParam1="") and (IsNull(strParam2) or strParam2="") and (IsNull(strParam3) or strParam3="") and (IsNull(strParam4) or strParam4="") Then

Obj.Click

ElseIf Not IsNull(strParam1) and IsNull(strParam2) and IsNull(strParam3) and IsNull(strParam4) Then

Obj.Click strParam1, micNoCoordinate, micLeftButton

ElseIf IsNull(strParam1) and Not IsNull(strParam2) and IsNull(strParam3) and IsNull(strParam4) Then

Obj.Click micNoCoordinate, strParam2, micLeftButton

ElseIf Not IsNull(strParam1) and Not IsNull(strParam2) and Not IsNull(strParam3) and IsNull(strParam4) Then

Obj.Click strParam1, strParam2, strParam3

ElseIf IsNull(strParam1) and IsNull(strParam2) and Not IsNull(strParam3) and IsNull(strParam4) Then

Obj.Click micNoCoordinate, micNoCoordinate, strParam3

End If

On error goto 0

If Obj.Exist(1) Then

'If ScreenShot = true thentake the screen shot

If strScreenShot="Y" Then

abs\_X = Obj.GetROProperty("abs\_x")

abs\_Y = Obj.GetROProperty("abs\_y")

height = Obj.GetROProperty("height")

width = Obj.GetROProperty("width")

fn\_TakeScreenshot TS\_Name, TC\_Name, Function\_Name, TC\_Step\_Id, abs\_X, abs\_Y, height, width

End If

End If

GlobalReporting(stepDescription)="Clicked on " & strObject

Keyword\_click = True

End Function

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

' Purpose: Determines which function to call based on keyword

'

' Inputs: strObject - Object Type and Name on which an action has to be performed

' strParent - Parent hirerarchy of the Object

' strAction - Action that needs to be performed

' strParam1 - Optional Parameter

' strParam2 - Optional Parameter

' strParam3 - Optional Parameter

' strParam4 - Optional Parameter

' strScreenShot - Boolean value to take screen shot

' - True, to take screenshot

' - False, to not take ss

' TS\_Name -

' Function\_Name -

' TC\_Step\_Id -

' Returns:

'

' Author: Ritesh Kawadkar

' Cretesd At: 10/4/2018

' Modified By:

' Reason For Change:

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Public Function Keyword\_dblClick(strObject, strParent, strParam1, strParam2, strParam3, strParam4, strScreenShot, TS\_Name, Function\_Name, TC\_Step\_Id, stepDescription, TC\_Name)

Set Obj = fn\_createObjects(strParent & strObject)

'validate if object Exists

If Obj.Exist(Environment("DELAY")) Then

Else

GlobalReporting(stepDescription)=strParent & strObject & " Object Not Found in " & Environment("DELAY")

WriteLog "STEP FAILED",strParent & strObject & " Object Not Found in " & Environment("DELAY")

Keyword\_dblClick = False

Exit Function

End If

'create Operation command

If IsNull(strParam1) Then

Obj.DblClick

End If

If Obj.Exist(1) Then

'If ScreenShot = true thentake the screen shot

If strScreenShot="Y" Then

abs\_X = Obj.GetROProperty("abs\_x")

abs\_Y = Obj.GetROProperty("abs\_y")

height = Obj.GetROProperty("height")

width = Obj.GetROProperty("width")

fn\_TakeScreenshot TS\_Name, TC\_Name, Function\_Name, TC\_Step\_Id, abs\_X, abs\_Y, height, width

End If

End If

GlobalReporting(stepDescription)="Clicked on " & strObject

Keyword\_dblClick = True

End Function

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

' Purpose: Determines which function to call based on keyword

'

' Inputs: strObject - Object Type and Name on which an action has to be performed

' strParent - Parent hirerarchy of the Object

' strAction - Action that needs to be performed

' strParam1 - Optional Parameter

' strParam2 - Optional Parameter

' strParam3 - Optional Parameter

' strParam4 - Optional Parameter

' strScreenShot - Boolean value to take screen shot

' - True, to take screenshot

' - False, to not take ss

' TS\_Name -

' Function\_Name -

' TC\_Step\_Id -

' Returns:

'

' Author: Ritesh Kawadkar

' Cretesd At: 10/4/2018

' Modified By:

' Reason For Change:

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Public Function Keyword\_drag(strObject, strParent, strParam1, strParam2, strParam3, strParam4, strScreenShot, TS\_Name, Function\_Name, TC\_Step\_Id, stepDescription, TC\_Name)

Set Obj = fn\_createObjects(strParent & strObject)

'validate if object Exists

If Obj.Exist(Environment("DELAY")) Then

Else

GlobalReporting(stepDescription)=strParent & strObject & " Object Not Found in " & Environment("DELAY")

WriteLog "STEP FAILED",strParent & strObject & " Object Not Found in " & Environment("DELAY")

Keyword\_drag = False

Exit Function

End If

'create Operation command

If IsNull(strParam1) and IsNull(strParam2) and IsNull(strParam3) and IsNull(strParam4) Then

Obj.Drag micNoCoordinates, micNoCoordinates, micLeftBtn

ElseIf Not IsNull(strParam1) and IsNull(strParam2) and IsNull(strParam3) and IsNull(strParam4) Then

Obj.Drag strParam1, micNoCoordinate, micLeftButton

ElseIf IsNull(strParam1) and Not IsNull(strParam2) and IsNull(strParam3) and IsNull(strParam4) Then

Obj.Drag micNoCoordinate, strParam2, micLeftButton

ElseIf Not IsNull(strParam1) and Not IsNull(strParam2) and Not IsNull(strParam3) and IsNull(strParam4) Then

Obj.Drag strParam1, strParam2, strParam3

ElseIf IsNull(strParam1) and IsNull(strParam2) and Not IsNull(strParam3) and IsNull(strParam4) Then

Obj.Drag micNoCoordinate, micNoCoordinate, strParam3

End If

If Obj.Exist(1) Then

'If ScreenShot = true thentake the screen shot

If strScreenShot="Y" Then

abs\_X = Obj.GetROProperty("abs\_x")

abs\_Y = Obj.GetROProperty("abs\_y")

height = Obj.GetROProperty("height")

width = Obj.GetROProperty("width")

fn\_TakeScreenshot TS\_Name, TC\_Name, Function\_Name, TC\_Step\_Id, abs\_X, abs\_Y, height, width

End If

End If

GlobalReporting(stepDescription)="Dragged " & strObject

Keyword\_drag = True

End Function

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

' Purpose: Determines which function to call based on keyword

'

' Inputs: strObject - Object Type and Name on which an action has to be performed

' strParent - Parent hirerarchy of the Object

' strAction - Action that needs to be performed

' strParam1 - Optional Parameter

' strParam2 - Optional Parameter

' strParam3 - Optional Parameter

' strParam4 - Optional Parameter

' strScreenShot - Boolean value to take screen shot

' - True, to take screenshot

' - False, to not take ss

' TS\_Name -

' Function\_Name -

' TC\_Step\_Id -

' Returns:

'

' Author: Ritesh Kawadkar

' Cretesd At: 10/4/2018

' Modified By:

' Reason For Change:

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Public Function Keyword\_drop(strObject, strParent, strParam1, strParam2, strParam3, strParam4, strScreenShot, TS\_Name, Function\_Name, TC\_Step\_Id, stepDescription, TC\_Name)

Set Obj = fn\_createObjects(strParent & strObject)

'validate if object Exists

If Obj.Exist(Environment("DELAY")) Then

Else

GlobalReporting(stepDescription)=strParent & strObject & " Object Not Found in " & Environment("DELAY")

WriteLog "STEP FAILED",strParent & strObject & " Object Not Found in " & Environment("DELAY")

Keyword\_drop = False

Exit Function

End If

'create Operation command

If IsNull(strParam1) and IsNull(strParam2) and IsNull(strParam3) and IsNull(strParam4) Then

Obj.Drop micNoCoordinates, micNoCoordinates, micLeftBtn

ElseIf Not IsNull(strParam1) and IsNull(strParam2) and IsNull(strParam3) and IsNull(strParam4) Then

Obj.Drop strParam1, micNoCoordinate, micLeftButton

ElseIf IsNull(strParam1) and Not IsNull(strParam2) and IsNull(strParam3) and IsNull(strParam4) Then

Obj.Drop micNoCoordinate, strParam2, micLeftButton

ElseIf Not IsNull(strParam1) and Not IsNull(strParam2) and Not IsNull(strParam3) and IsNull(strParam4) Then

Obj.Drop strParam1, strParam2, strParam3

ElseIf IsNull(strParam1) and IsNull(strParam2) and Not IsNull(strParam3) and IsNull(strParam4) Then

Obj.Drop micNoCoordinate, micNoCoordinate, strParam3

End If

If Obj.Exist(1) Then

'If ScreenShot = true thentake the screen shot

If strScreenShot="Y" Then

abs\_X = Obj.GetROProperty("abs\_x")

abs\_Y = Obj.GetROProperty("abs\_y")

height = Obj.GetROProperty("height")

width = Obj.GetROProperty("width")

fn\_TakeScreenshot TS\_Name, TC\_Name, Function\_Name, TC\_Step\_Id, abs\_X, abs\_Y, height, width

End If

End If

GlobalReporting(stepDescription)="Drapped " & strObject

Keyword\_drop = True

End Function

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

' Purpose: Determines which function to call based on keyword

'

' Inputs: strObject - Object Type and Name on which an action has to be performed

' strParent - Parent hirerarchy of the Object

' strAction - Action that needs to be performed

' strParam1 - Optional Parameter

' strParam2 - Optional Parameter

' strParam3 - Optional Parameter

' strParam4 - Optional Parameter

' strScreenShot - Boolean value to take screen shot

' - True, to take screenshot

' - False, to not take ss

' TS\_Name -

' Function\_Name -

' TC\_Step\_Id -

' Returns:

'

' Author: Ritesh Kawadkar

' Cretesd At: 10/4/2018

' Modified By:

' Reason For Change:

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Public Function Keyword\_set(strObject, strParent, strParam1, strParam2, strParam3, strParam4, strScreenShot, TS\_Name, Function\_Name, TC\_Step\_Id, stepDescription, TC\_Name)

Set Obj = fn\_createObjects(strParent & strObject)

'validate if object Exists

If Obj.Exist(Environment("DELAY")) Then

Else

GlobalReporting(stepDescription)=strParent & strObject & " Object Not Found in " & Environment("DELAY")

WriteLog "STEP FAILED",strParent & strObject & " Object Not Found in " & Environment("DELAY")

Keyword\_set = False

Exit Function

End If

'create Operation command

If strParam1 <> "" Then

Obj.Set strParam1

Else

Obj.Set ""

End If

'If ScreenShot = true thentake the screen shot

If strScreenShot="Y" Then

abs\_X = Obj.GetROProperty("abs\_x")

abs\_Y = Obj.GetROProperty("abs\_y")

height = Obj.GetROProperty("height")

width = Obj.GetROProperty("width")

fn\_TakeScreenshot TS\_Name, TC\_Name, Function\_Name, TC\_Step\_Id, abs\_X, abs\_Y, height, width

End If

GlobalReporting(stepDescription)="Set value in " & strObject

Keyword\_set = True

End Function

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

' Purpose: Determines which function to call based on keyword

'

' Inputs: strObject - Object Type and Name on which an action has to be performed

' strParent - Parent hirerarchy of the Object

' strAction - Action that needs to be performed

' strParam1 - Optional Parameter

' strParam2 - Optional Parameter

' strParam3 - Optional Parameter

' strParam4 - Optional Parameter

' strScreenShot - Boolean value to take screen shot

' - True, to take screenshot

' - False, to not take ss

' TS\_Name -

' Function\_Name -

' TC\_Step\_Id -

' Returns:

'

' Author: Ritesh Kawadkar

' Cretesd At: 10/4/2018

' Modified By:

' Reason For Change:

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Public Function Keyword\_setFocus(strObject, strParent, strParam1, strParam2, strParam3, strParam4, strScreenShot, TS\_Name, Function\_Name, TC\_Step\_Id, stepDescription, TC\_Name)

Set Obj = fn\_createObjects(strParent & strObject)

'validate if object Exists

If Obj.Exist(Environment("DELAY")) Then

Else

GlobalReporting(stepDescription)=strParent & strObject & " Object Not Found in " & Environment("DELAY")

WriteLog "STEP FAILED",strParent & strObject & " Object Not Found in " & Environment("DELAY")

Keyword\_setFocus = False

Exit Function

End If

'create Operation command

Obj.SetFocus

'If ScreenShot = true thentake the screen shot

If strScreenShot="Y" Then

abs\_X = Obj.GetROProperty("abs\_x")

abs\_Y = Obj.GetROProperty("abs\_y")

height = Obj.GetROProperty("height")

width = Obj.GetROProperty("width")

fn\_TakeScreenshot TS\_Name, TC\_Name, Function\_Name, TC\_Step\_Id, abs\_X, abs\_Y, height, width

End If

GlobalReporting(stepDescription)="SetFocus on " & strObject

Keyword\_setFocus = True

End Function

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

' Purpose: Determines which function to call based on keyword

'

' Inputs: strObject - Object Type and Name on which an action has to be performed

' strParent - Parent hirerarchy of the Object

' strAction - Action that needs to be performed

' strParam1 - Optional Parameter

' strParam2 - Optional Parameter

' strParam3 - Optional Parameter

' strParam4 - Optional Parameter

' strScreenShot - Boolean value to take screen shot

' - True, to take screenshot

' - False, to not take ss

' TS\_Name -

' Function\_Name -

' TC\_Step\_Id -

' Returns:

'

' Author: Ritesh Kawadkar

' Cretesd At: 10/4/2018

' Modified By:

' Reason For Change:

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Public Function Keyword\_highlight(strObject, strParent, strParam1, strParam2, strParam3, strParam4, strScreenShot, TS\_Name, Function\_Name, TC\_Step\_Id, stepDescription, TC\_Name)

Set Obj = fn\_createObjects(strParent & strObject)

'validate if object Exists

If Obj.Exist(Environment("DELAY")) Then

Else

GlobalReporting(stepDescription)=strParent & strObject & " Object Not Found in " & Environment("DELAY")

WriteLog "STEP FAILED",strParent & strObject & " Object Not Found in " & Environment("DELAY")

Keyword\_highlight = False

Exit Function

End If

'create Operation command

Obj.Highlight

'If ScreenShot = true thentake the screen shot

If strScreenShot="Y" Then

abs\_X = Obj.GetROProperty("abs\_x")

abs\_Y = Obj.GetROProperty("abs\_y")

height = Obj.GetROProperty("height")

width = Obj.GetROProperty("width")

fn\_TakeScreenshot TS\_Name, TC\_Name, Function\_Name, TC\_Step\_Id, abs\_X, abs\_Y, height, width

End If

GlobalReporting(stepDescription)="Highlighted " & strObject

Keyword\_highlight = True

End Function

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

' Purpose: Determines which function to call based on keyword

'

' Inputs: strObject - Object Type and Name on which an action has to be performed

' strParent - Parent hirerarchy of the Object

' strAction - Action that needs to be performed

' strParam1 - Optional Parameter

' strParam2 - Optional Parameter

' strParam3 - Optional Parameter

' strParam4 - Optional Parameter

' strScreenShot - Boolean value to take screen shot

' - True, to take screenshot

' - False, to not take ss

' TS\_Name -

' Function\_Name -

' TC\_Step\_Id -

' Returns:

'

' Author: Ritesh Kawadkar

' Cretesd At: 10/4/2018

' Modified By:

' Reason For Change:

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Public Function Keyword\_setSecure(strObject, strParent, strParam1, strParam2, strParam3, strParam4, strScreenShot, TS\_Name, Function\_Name, TC\_Step\_Id, stepDescription, TC\_Name)

Set Obj = fn\_createObjects(strParent & strObject)

'validate if object Exists

If Obj.Exist(Environment("DELAY")) Then

Else

GlobalReporting(stepDescription)=strParent & strObject & " Object Not Found in " & Environment("DELAY")

WriteLog "STEP FAILED",strParent & strObject & " Object Not Found in " & Environment("DELAY")

Keyword\_setSecure = False

Exit Function

End If

'create Operation command

If strParam1 <> "" Then

Obj.SetSecure strParam1

Else

Obj.SetSecure ""

End If

'If ScreenShot = true thentake the screen shot

If strScreenShot="Y" Then

abs\_X = Obj.GetROProperty("abs\_x")

abs\_Y = Obj.GetROProperty("abs\_y")

height = Obj.GetROProperty("height")

width = Obj.GetROProperty("width")

fn\_TakeScreenshot TS\_Name, TC\_Name, Function\_Name, TC\_Step\_Id, abs\_X, abs\_Y, height, width

End If

GlobalReporting(stepDescription)="Set value in " & strObject

Keyword\_setSecure = True

End Function

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

' Purpose: Determines which function to call based on keyword

'

' Inputs: strObject - Object Type and Name on which an action has to be performed

' strParent - Parent hirerarchy of the Object

' strAction - Action that needs to be performed

' strParam1 - Optional Parameter

' strParam2 - Optional Parameter

' strParam3 - Optional Parameter

' strParam4 - Optional Parameter

' strScreenShot - Boolean value to take screen shot

' - True, to take screenshot

' - False, to not take ss

' TS\_Name -

' Function\_Name -

' TC\_Step\_Id -

' Returns:

'

' Author: Ritesh Kawadkar

' Cretesd At: 10/4/2018

' Modified By:

' Reason For Change:

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Public Function Keyword\_select(strObject, strParent, strParam1, strParam2, strParam3, strParam4, strScreenShot, TS\_Name, Function\_Name, TC\_Step\_Id, stepDescription, TC\_Name)

Set Obj = fn\_createObjects(strParent & strObject)

'validate if object Exists

If Obj.Exist(Environment("DELAY")) Then

Else

GlobalReporting(stepDescription)=strParent & strObject & " Object Not Found in " & Environment("DELAY")

WriteLog "STEP FAILED",strParent & strObject & " Object Not Found in " & Environment("DELAY")

Keyword\_select = False

Exit Function

End If

'create Operation command

If strParam1 <> "" Then

If IsNumeric(strParam1) Then

Obj.Select CInt(strParam1)

Else

Obj.Select strParam1

End If

End If

'If ScreenShot = true thentake the screen shot

If strScreenShot="Y" and Obj.Exist(1) Then

abs\_X = Obj.GetROProperty("abs\_x")

abs\_Y = Obj.GetROProperty("abs\_y")

height = Obj.GetROProperty("height")

width = Obj.GetROProperty("width")

fn\_TakeScreenshot TS\_Name, TC\_Name, Function\_Name, TC\_Step\_Id, abs\_X, abs\_Y, height, width

End If

GlobalReporting(stepDescription)="Selected item from " & strObject

Keyword\_select = True

End Function

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

' Purpose: Determines which function to call based on keyword

'

' Inputs: strObject - Object Type and Name on which an action has to be performed

' strParent - Parent hirerarchy of the Object

' strAction - Action that needs to be performed

' strParam1 - Optional Parameter

' strParam2 - Optional Parameter

' strParam3 - Optional Parameter

' strParam4 - Optional Parameter

' strScreenShot - Boolean value to take screen shot

' - True, to take screenshot

' - False, to not take ss

' TS\_Name -

' Function\_Name -

' TC\_Step\_Id -

' Returns:

'

' Author: Ritesh Kawadkar

' Cretesd At: 10/4/2018

' Modified By:

' Reason For Change:

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Public Function Keyword\_type(strObject, strParent, strParam1, strParam2, strParam3, strParam4, strScreenShot, TS\_Name, Function\_Name, TC\_Step\_Id, stepDescription, TC\_Name)

Set Obj = fn\_createObjects(strParent & strObject)

'validate if object Exists

If Obj.Exist(Environment("DELAY")) Then

Else

GlobalReporting(stepDescription)=strParent & strObject & " Object Not Found in " & Environment("DELAY")

WriteLog "STEP FAILED",strParent & strObject & " Object Not Found in " & Environment("DELAY")

Keyword\_type = False

Exit Function

End If

'create Operation command

If strParam1 <> "" Then

Obj.Type strParam1

End If

If Not IsNull(strParam2) Then

If Left(strParam2, 5)="OUT>>" Then

strParam2 = Replace(strParam2, "OUT>>", "")

End If

Set objKeyword = new Connections

'check if the variable nam ealready exists

objKeyword.fnConnectToIOXL GlobalDictionary("TestDataPath"), TS\_Name

strQuery = "Select Count(\*) from [Output$] WHERE [TestCases] = '" & TC\_Name & "' and [Variables] = '" & strParam2 & "'"

objKeyword.fnExecuteQuery(strQuery)

count = objKeyword.objRecordSet.Fields(0).Value

Set objKeyword = Nothing

Set objKeyword = new Connections

objKeyword.fnConnectToXLForWriting GlobalDictionary("TestDataPath"), TS\_Name

If count>0 Then

'UPDATE the variable's value

strQuery = "UPDATE [Output$] SET [Values] = '" & strParam1 & "' WHERE [TestCases] = '" & TC\_Name & "' and [Variables] = '" & strParam2 & "'"

Else

'INSERT new variable

strQuery = "INSERT INTO [Output$] VALUES('" & TC\_Name & "','" & strParam2 & "','" & strParam1 & "')"

End If

objKeyword.fnWriteToExcel(strQuery)

Set objKeyword = Nothing

End If

'If ScreenShot = true thentake the screen shot

If strScreenShot="Y" Then

abs\_X = Obj.GetROProperty("abs\_x")

abs\_Y = Obj.GetROProperty("abs\_y")

height = Obj.GetROProperty("height")

width = Obj.GetROProperty("width")

fn\_TakeScreenshot TS\_Name, TC\_Name, Function\_Name, TC\_Step\_Id, abs\_X, abs\_Y, height, width

End If

GlobalReporting(stepDescription)="Typed value in " & strObject

Keyword\_type = True

End Function

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

' Purpose: Determines which function to call based on keyword

'

' Inputs: strObject - Object Type and Name on which an action has to be performed

' strParent - Parent hirerarchy of the Object

' strAction - Action that needs to be performed

' strParam1 - Optional Parameter

' strParam2 - Optional Parameter

' strParam3 - Optional Parameter

' strParam4 - Optional Parameter

' strScreenShot - Boolean value to take screen shot

' - True, to take screenshot

' - False, to not take ss

' TS\_Name -

' Function\_Name -

' TC\_Step\_Id -

' Returns:

'

' Author: Ritesh Kawadkar

' Cretesd At: 10/4/2018

' Modified By:

' Reason For Change:

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Public Function Keyword\_getROProperty(strObject, strParent, strParam1, strParam2, strParam3, strParam4, strScreenShot, TS\_Name, Function\_Name, TC\_Step\_Id, stepDescription, TC\_Name)

Set Obj = fn\_createObjects(strParent & strObject)

'validate if object Exists

If Obj.Exist(Environment("DELAY")) Then

Else

GlobalReporting(stepDescription)=strParent & strObject & " Object Not Found in " & Environment("DELAY")

WriteLog "STEP FAILED",strParent & strObject & " Object Not Found in " & Environment("DELAY")

Keyword\_getROProperty = False

Exit Function

End If

'create Operation command

If strParam1 <> "" Then

roPropertyValue = Obj.GetROProperty(strParam1)

Else

GlobalReporting(stepDescription)=strParent & strObject & " No parameter were provided to fetch the property"

WriteLog "STEP FAILED",strParent & strObject & " No parameter were provided to fetch the property"

Keyword\_getROProperty = False

Exit Function

End If

If strParam2 <> "" Then

If Left(strParam2, 5)="OUT>>" Then

strParam2 = Replace(strParam2, "OUT>>", "")

Set objKeyword = new Connections

'check if the variable nam ealready exists

objKeyword.fnConnectToIOXL GlobalDictionary("TestDataPath"), TS\_Name

strQuery = "Select Count(\*) from [Output$] WHERE [TestCases] = '" & TC\_Name & "' and [Variables] = '" & strParam2 & "'"

count = 0

objKeyword.fnExecuteQuery(strQuery)

count = objKeyword.objRecordSet.Fields(0).Value

Set objKeyword = Nothing

Set objKeyword = new Connections

objKeyword.fnConnectToXLForWriting GlobalDictionary("TestDataPath"), TS\_Name

If count>0 Then

'UPDATE the variable's value

strQuery = "UPDATE [Output$] SET [Values] = '" & roPropertyValue & "' WHERE [TestCases] = '" & TC\_Name & "' and [Variables] = '" & strParam2 & "'"

Else

'INSERT new variable

strQuery = "INSERT INTO [Output$] VALUES('" & TC\_Name & "','" & strParam2 & "','" & roPropertyValue & "')"

End If

objKeyword.fnWriteToExcel(strQuery)

Set objKeyword = Nothing

ElseIf Left(strParam2, 4)="GD>>" Then

strParam2 = Replace(strParam2, "GD>>", "")

If GlobalDictionary.Exists(strParam2) Then

GlobalDictionary(strParam2) = roPropertyValue

Else

GlobalDictionary.Add strParam2, roPropertyValue

End If

End If

End If

If strScreenShot="Y" Then

abs\_X = Obj.GetROProperty("abs\_x")

abs\_Y = Obj.GetROProperty("abs\_y")

height = Obj.GetROProperty("height")

width = Obj.GetROProperty("width")

fn\_TakeScreenshot TS\_Name, TC\_Name, Function\_Name, TC\_Step\_Id, abs\_X, abs\_Y, height, width

End If

GlobalReporting(stepDescription)="Fetched RO property " & strParam2 & " from " & strObject

Keyword\_getROProperty = True

End Function

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

' Purpose: Determines which function to call based on keyword

'

' Inputs: strObject - Object Type and Name on which an action has to be performed

' strParent - Parent hirerarchy of the Object

' strAction - Action that needs to be performed

' strParam1 - Optional Parameter

' strParam2 - Optional Parameter

' strParam3 - Optional Parameter

' strParam4 - Optional Parameter

' strScreenShot - Boolean value to take screen shot

' - True, to take screenshot

' - False, to not take ss

' TS\_Name -

' Function\_Name -

' TC\_Step\_Id -

' Returns:

'

' Author: Ritesh Kawadkar

' Cretesd At: 10/4/2018

' Modified By:

' Reason For Change:

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Public Function Keyword\_exists(strObject, strParent, strParam1, strParam2, strParam3, strParam4, strScreenShot, TS\_Name, Function\_Name, TC\_Step\_Id, stepDescription, TC\_Name)

Set Obj = fn\_createObjects(strParent & strObject)

'create Operation command

If strParam1 <> "" Then

'validate if object Exists

If Obj.Exist(CInt(strParam1)) Then

Obj.Highlight

Else

GlobalReporting(stepDescription)=strParent & strObject & " Object Not Found in " & strParam1 & " Seconds"

WriteLog "STEP FAILED",strParent & strObject & " Object Not Found in " & strParam1 & " Seconds"

Keyword\_exists = False

Exit Function

End If

Else

'validate if object Exists

If Obj.Exist(Environment("DELAY")) Then

Obj.Highlight

Else

GlobalReporting(stepDescription)=strParent & strObject & " Object Not Found in " & Environment("DELAY")

WriteLog "STEP FAILED",strParent & strObject & " Object Not Found in " & Environment("DELAY")

Keyword\_exists = False

Exit Function

End If

End If

'If ScreenShot = true thentake the screen shot

If strScreenShot="Y" Then

abs\_X = Obj.GetROProperty("abs\_x")

abs\_Y = Obj.GetROProperty("abs\_y")

height = Obj.GetROProperty("height")

width = Obj.GetROProperty("width")

fn\_TakeScreenshot TS\_Name, TC\_Name, Function\_Name, TC\_Step\_Id, abs\_X, abs\_Y, height, width

End If

GlobalReporting(stepDescription)="Validated the existence of " & strObject

Keyword\_exists = True

End Function

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

' Purpose: Determines which function to call based on keyword

'

' Inputs: strObject - Object Type and Name on which an action has to be performed

' strParent - Parent hirerarchy of the Object

' strAction - Action that needs to be performed

' strParam1 - Optional Parameter

' strParam2 - Optional Parameter

' strParam3 - Optional Parameter

' strParam4 - Optional Parameter

' strScreenShot - Boolean value to take screen shot

' - True, to take screenshot

' - False, to not take ss

' TS\_Name -

' Function\_Name -

' TC\_Step\_Id -

' Returns:

'

' Author: Ritesh Kawadkar

' Cretesd At: 10/4/2018

' Modified By:

' Reason For Change:

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Public Function Keyword\_selectListItem(strObject, strParent, strParam1, strParam2, strParam3, strParam4, strScreenShot, TS\_Name, Function\_Name, TC\_Step\_Id, stepDescription, TC\_Name)

Set Obj = fn\_createObjects(strParent & strObject)

'validate if object Exists

If Obj.Exist(Environment("DELAY")) Then

Else

GlobalReporting(stepDescription)=strParent & strObject & " Object Not Found in " & Environment("DELAY")

WriteLog "STEP FAILED",strParent & strObject & " Object Not Found in " & Environment("DELAY")

Keyword\_selectListItem = False

Exit Function

End If

'create Operation command

If Not IsNull(strParam1) and Not IsNull(strParam2) Then

listItemContexts = Obj.GetVisibleText

arrListItems = split(listItemContexts, vbNewLine)

For i = 0 To UBound(arrListItems) Step 3

If InStr(1, arrListItems(i), strParam1)>0 and InStr(1, arrListItems(i+2), strParam2)>0 Then

Obj.Select i/3

Exit For

End If

Next

End If

'If ScreenShot = true thentake the screen shot

If strScreenShot="Y" Then

abs\_X = Obj.GetROProperty("abs\_x")

abs\_Y = Obj.GetROProperty("abs\_y")

height = Obj.GetROProperty("height")

width = Obj.GetROProperty("width")

fn\_TakeScreenshot TS\_Name, TC\_Name, Function\_Name, TC\_Step\_Id, abs\_X, abs\_Y, height, width

End If

GlobalReporting(stepDescription)="Selected item from the list " & strObject

Keyword\_selectListItem = True

End Function

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

' Purpose: Determines which function to call based on keyword

'

' Inputs: strObject - Object Type and Name on which an action has to be performed

' strParent - Parent hirerarchy of the Object

' strAction - Action that needs to be performed

' strParam1 - Optional Parameter

' strParam2 - Optional Parameter

' strParam3 - Optional Parameter

' strParam4 - Optional Parameter

' strScreenShot - Boolean value to take screen shot

' - True, to take screenshot

' - False, to not take ss

' TS\_Name -

' Function\_Name -

' TC\_Step\_Id -

' Returns:

'

' Author: Ritesh Kawadkar

' Cretesd At: 10/4/2018

' Modified By:

' Reason For Change:

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Public Function Keyword\_sendKeys(strObject, strParent, strParam1, strParam2, strParam3, strParam4, strScreenShot, TS\_Name, Function\_Name, TC\_Step\_Id, stepDescription, TC\_Name)

Set Obj = fn\_createObjects(strParent & strObject)

'validate if object Exists

If Obj.Exist(Environment("DELAY")) Then

Else

GlobalReporting(stepDescription)=strParent & strObject & " Object Not Found in " & Environment("DELAY")

WriteLog "STEP FAILED",strParent & strObject & " Object Not Found in " & Environment("DELAY")

Keyword\_sendKeys = False

Exit Function

End If

'create Operation command

Set oShell = CreateObject("Wscript.ShelL")

If strParam1<>"" Then

oShell.SendKeys "" & strParam1 & ""

End If

Set oShell = Nothing

'If ScreenShot = true thentake the screen shot

If strScreenShot="Y" Then

abs\_X = Obj.GetROProperty("abs\_x")

abs\_Y = Obj.GetROProperty("abs\_y")

height = Obj.GetROProperty("height")

width = Obj.GetROProperty("width")

fn\_TakeScreenshot TS\_Name, TC\_Name, Function\_Name, TC\_Step\_Id, abs\_X, abs\_Y, height, width

End If

GlobalReporting(stepDescription)="Sent keyboard keys to " & strObject

Keyword\_sendKeys = True

End Function

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

' Purpose: Determines which function to call based on keyword

'

' Inputs: strObject - Object Type and Name on which an action has to be performed

' strParent - Parent hirerarchy of the Object

' strAction - Action that needs to be performed

' strParam1 - Optional Parameter

' strParam2 - Optional Parameter

' strParam3 - Optional Parameter

' strParam4 - Optional Parameter

' strScreenShot - Boolean value to take screen shot

' - True, to take screenshot

' - False, to not take ss

' TS\_Name -

' Function\_Name -

' TC\_Step\_Id -

' Returns:

'

' Author: Ritesh Kawadkar

' Cretesd At: 10/4/2018

' Modified By:

' Reason For Change:

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Public Function Keyword\_activate(strObject, strParent, strParam1, strParam2, strParam3, strParam4, strScreenShot, TS\_Name, Function\_Name, TC\_Step\_Id, stepDescription, TC\_Name)

Set Obj = fn\_createObjects(strParent & strObject)

'validate if object Exists

If Obj.Exist(Environment("DELAY")) Then

Else

GlobalReporting(stepDescription)=strParent & strObject & " Object Not Found in " & Environment("DELAY")

WriteLog "STEP FAILED",strParent & strObject & " Object Not Found in " & Environment("DELAY")

Keyword\_activate = False

Exit Function

End If

'If ScreenShot = true thentake the screen shot

If strScreenShot="Y" Then

abs\_X = Obj.GetROProperty("abs\_x")

abs\_Y = Obj.GetROProperty("abs\_y")

height = Obj.GetROProperty("height")

width = Obj.GetROProperty("width")

fn\_TakeScreenshot TS\_Name, TC\_Name, Function\_Name, TC\_Step\_Id, abs\_X, abs\_Y, height, width

End If

'create Operation command

If strParam1<>"" Then

Obj.Activate strParam1

End If

GlobalReporting(stepDescription)="Opened item from list " & strObject

Keyword\_activate = True

End Function

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

' Purpose: Determines which function to call based on keyword

'

' Inputs: strObject - Object Type and Name on which an action has to be performed

' strParent - Parent hirerarchy of the Object

' strAction - Action that needs to be performed

' strParam1 - Optional Parameter

' strParam2 - Optional Parameter

' strParam3 - Optional Parameter

' strParam4 - Optional Parameter

' strScreenShot - Boolean value to take screen shot

' - True, to take screenshot

' - False, to not take ss

' TS\_Name -

' Function\_Name -

' TC\_Step\_Id -

' Returns:

'

' Author: Ritesh Kawadkar

' Cretesd At: 10/4/2018

' Modified By:

' Reason For Change:

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Public Function Keyword\_ifExistsThenClick(strObject, strParent, strParam1, strParam2, strParam3, strParam4, strScreenShot, TS\_Name, Function\_Name, TC\_Step\_Id, stepDescription, TC\_Name)

Set Obj = fn\_createObjects(strParent & strObject)

If Not IsNull(strParam1) Then

'create Operation command

If Obj.Exist(Cint(strParam1)) Then

If strScreenShot="Y" Then

abs\_X = Obj.GetROProperty("abs\_x")

abs\_Y = Obj.GetROProperty("abs\_y")

height = Obj.GetROProperty("height")

width = Obj.GetROProperty("width")

fn\_TakeScreenshot TS\_Name, TC\_Name, Function\_Name, TC\_Step\_Id, abs\_X, abs\_Y, height, width

End If

Obj.Click

Else

GlobalReporting(stepDescription)=strParent & strObject & " Object Not Found in " & Cint(strParam1) & " Seconds"

End If

Else

'create Operation command

If Obj.Exist(Environment("DELAY")) Then

If strScreenShot="Y" Then

abs\_X = Obj.GetROProperty("abs\_x")

abs\_Y = Obj.GetROProperty("abs\_y")

height = Obj.GetROProperty("height")

width = Obj.GetROProperty("width")

fn\_TakeScreenshot TS\_Name, TC\_Name, Function\_Name, TC\_Step\_Id, abs\_X, abs\_Y, height, width

End If

Obj.Click

Else

GlobalReporting(stepDescription)=strParent & strObject & " Object Not Found in " & Environment("DELAY")

End If

End If

GlobalReporting(stepDescription)="Clikced on the object " & strObject

Keyword\_ifExistsThenClick = True

End Function

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

' Purpose: Determines which function to call based on keyword

'

' Inputs: strObject - Object Type and Name on which an action has to be performed

' strParent - Parent hirerarchy of the Object

' strAction - Action that needs to be performed

' strParam1 - Optional Parameter

' strParam2 - Optional Parameter

' strParam3 - Optional Parameter

' strParam4 - Optional Parameter

' strScreenShot - Boolean value to take screen shot

' - True, to take screenshot

' - False, to not take ss

' TS\_Name -

' Function\_Name -

' TC\_Step\_Id -

' Returns:

'

' Author: Ritesh Kawadkar

' Cretesd At: 10/4/2018

' Modified By:

' Reason For Change:

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Public Function Keyword\_isChecked(strObject, strParent, strParam1, strParam2, strParam3, strParam4, strScreenShot, TS\_Name, strFunctionName, strTCStepID, stepDescription, TC\_Name)

Set Obj = fn\_createObjects(strParent & strObject)

'validate if object Exists

If Obj.Exist(Environment("DELAY")) Then

Obj.Highlight

Else

GlobalReporting(stepDescription)=strParent & strObject & " Object Not Found in " & Environment("DELAY")

WriteLog "STEP FAILED",strParent & strObject & " Object Not Found in " & Environment("DELAY")

Keyword\_isChecked = False

Exit Function

End If

'create Operation command

If Cint(strParam1) = Cint(Obj.getROProperty("togglestate")) Then

result = "Passed"

Else

result = "Failed"

End If

If strParam2 <> "" Then

If Left(strParam2, 5)="OUT>>" Then

strParam2 = Replace(strParam2, "OUT>>", "")

End If

Set objKeyword = new Connections

objKeyword.fnConnectToIOXL GlobalDictionary("TestDataPath"), TS\_Name

strQuery = "Select Count(\*) from [Output$] WHERE [TestCases] = '" & TC\_Name & "' and [Variables] = '" & strParam2 & "'"

count = 0

objKeyword.fnExecuteQuery(strQuery)

count = objKeyword.objRecordSet.Fields(0).Value

Set objKeyword = Nothing

Set objKeyword = new Connections

objKeyword.fnConnectToXLForWriting GlobalDictionary("TestDataPath"), TS\_Name

If count>0 Then

'UPDATE the variable's value

strQuery = "UPDATE [Output$] SET [Values] = '" & result & "' WHERE [TestCases] = '" & TC\_Name & "' and [Variables] = '" & strParam2 & "'"

Else

'INSERT new variable

strQuery = "INSERT INTO [Output$] VALUES('" & TC\_Name & "','" & strParam2 & "','" & result & "')"

End If

objKeyword.fnWriteToExcel(strQuery)

Set objKeyword = Nothing

End If

If strScreenShot="Y" and Obj.Exist(5) Then

abs\_X = Obj.GetROProperty("abs\_x")

abs\_Y = Obj.GetROProperty("abs\_y")

height = Obj.GetROProperty("height")

width = Obj.GetROProperty("width")

fn\_TakeScreenshot TS\_Name, TC\_Name, Function\_Name, TC\_Step\_Id, abs\_X, abs\_Y, height, width

End If

GlobalReporting(stepDescription)="Checkbox status is as expected"

Keyword\_isChecked = True

End Function

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

' Purpose: Determines which function to call based on keyword

'

' Inputs: strObject - Object Type and Name on which an action has to be performed

' strParent - Parent hirerarchy of the Object

' strAction - Action that needs to be performed

' strParam1 - Optional Parameter

' strParam2 - Optional Parameter

' strParam3 - Optional Parameter

' strParam4 - Optional Parameter

' strScreenShot - Boolean value to take screen shot

' - True, to take screenshot

' - False, to not take ss

' TS\_Name -

' Function\_Name -

' TC\_Step\_Id -

' Returns:

'

' Author: Ritesh Kawadkar

' Cretesd At: 10/4/2018

' Modified By:

' Reason For Change:

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Public Function Keyword\_setTOProperty(strObject, strParent, strParam1, strParam2, strParam3, strParam4, strScreenShot, TS\_Name, Function\_Name, TC\_Step\_Id, stepDescription, TC\_Name)

Set Obj = fn\_createObjects(strParent & strObject)

'validate if object Exists

If Obj.Exist(Environment("DELAY")) Then

Else

GlobalReporting(stepDescription)=strParent & strObject & " Object Not Found in " & Environment("DELAY")

WriteLog "STEP FAILED",strParent & strObject & " Object Not Found in " & Environment("DELAY")

Keyword\_setTOProperty = False

Exit Function

End If

'create Operation command

If Not IsNull(strParam1) and Not IsNull(strParam2) Then

Obj.SetTOProperty strParam1, strParam2

Else

GlobalReporting(stepDescription)=strParent & strObject & " No parameter were provided to fetch the property"

Print strParent & strObject & " No parameter were provided to fetch the property"

Keyword\_setTOProperty = False

Exit Function

End If

If strScreenShot="Y" Then

abs\_X = Obj.GetROProperty("abs\_x")

abs\_Y = Obj.GetROProperty("abs\_y")

height = Obj.GetROProperty("height")

width = Obj.GetROProperty("width")

fn\_TakeScreenshot TS\_Name, TC\_Name, Function\_Name, TC\_Step\_Id, abs\_X, abs\_Y, height, width

End If

GlobalReporting(stepDescription)="Set property " & strParam2 & " for " & strObject

Keyword\_setTOProperty = True

End Function

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

' Purpose: Determines which function to call based on keyword

'

' Inputs: strObject - Object Type and Name on which an action has to be performed

' strParent - Parent hirerarchy of the Object

' strAction - Action that needs to be performed

' strParam1 - Optional Parameter

' strParam2 - Optional Parameter

' strParam3 - Optional Parameter

' strParam4 - Optional Parameter

' strScreenShot - Boolean value to take screen shot

' - True, to take screenshot

' - False, to not take ss

' TS\_Name -

' Function\_Name -

' TC\_Step\_Id -

' Returns:

'

' Author: Ritesh Kawadkar

' Cretesd At: 10/4/2018

' Modified By:

' Reason For Change:

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Public Function Keyword\_isReadOnly(strObject, strParent, strParam1, strParam2, strParam3, strParam4, strScreenShot, TS\_Name, strFunctionName, strTCStepID, stepDescription, TC\_Name)

Set Obj = fn\_createObjects(strParent & strObject)

'validate if object Exists

If Obj.Exist(Environment("DELAY")) Then

Obj.Highlight

Else

GlobalReporting(stepDescription)=strParent & strObject & " Object Not Found in " & Environment("DELAY")

WriteLog "STEP FAILED", strParent & strObject & " Object Not Found in " & Environment("DELAY")

Keyword\_isReadOnly = False

Exit Function

End If

'create Operation command

If Obj.GetROProperty("micclass")="UIAObject" Then

Obj.Type "Test"

If Obj.GetROProperty("text")="Test" Then

result = "Failed"

GlobalReporting(stepDescription)="Object readonly status is not as expected"

Keyword\_isReadOnly = False

Exit Function

Else

result = "Passed"

End If

Else

If UCase(strParam1) = UCase(Obj.getROProperty("isreadonly")) Then

result = "Passed"

Else

result = "Failed"

GlobalReporting(stepDescription)="Object readonly status is not as expected"

Keyword\_isReadOnly = False

Exit Function

End If

End If

If strParam2 <> "" Then

If Left(strParam2, 5)="OUT>>" Then

strParam2 = Replace(strParam2, "OUT>>", "")

End If

Set objKeyword = new Connections

objKeyword.fnConnectToIOXL GlobalDictionary("TestDataPath"), TS\_Name

strQuery = "Select Count(\*) from [Output$] WHERE [TestCases] = '" & TC\_Name & "' and [Variables] = '" & strParam2 & "'"

count = 0

objKeyword.fnExecuteQuery(strQuery)

count = objKeyword.objRecordSet.Fields(0).Value

Set objKeyword = Nothing

Set objKeyword = new Connections

objKeyword.fnConnectToXLForWriting GlobalDictionary("TestDataPath"), TS\_Name

If count>0 Then

'UPDATE the variable's value

strQuery = "UPDATE [Output$] SET [Values] = '" & result & "' WHERE [TestCases] = '" & TC\_Name & "' and [Variables] = '" & strParam2 & "'"

Else

'INSERT new variable

strQuery = "INSERT INTO [Output$] VALUES('" & TC\_Name & "','" & strParam2 & "','" & result & "')"

End If

objKeyword.fnWriteToExcel(strQuery)

Set objKeyword = Nothing

End If

If strScreenShot="Y" and Obj.Exist(5) Then

abs\_X = Obj.GetROProperty("abs\_x")

abs\_Y = Obj.GetROProperty("abs\_y")

height = Obj.GetROProperty("height")

width = Obj.GetROProperty("width")

fn\_TakeScreenshot TS\_Name, TC\_Name, Function\_Name, TC\_Step\_Id, abs\_X, abs\_Y, height, width

End If

GlobalReporting(stepDescription)="Object readonly status is as expected"

Keyword\_isReadOnly = True

End Function

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

' Purpose: Determines which function to call based on keyword

'

' Inputs: strObject - Object Type and Name on which an action has to be performed

' strParent - Parent hirerarchy of the Object

' strAction - Action that needs to be performed

' strParam1 - Optional Parameter

' strParam2 - Optional Parameter

' strParam3 - Optional Parameter

' strParam4 - Optional Parameter

' strScreenShot - Boolean value to take screen shot

' - True, to take screenshot

' - False, to not take ss

' TS\_Name -

' Function\_Name -

' TC\_Step\_Id -

' Returns:

'

' Author: Ritesh Kawadkar

' Cretesd At: 10/4/2018

' Modified By:

' Reason For Change:

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Public Function Keyword\_validateModifiedByAt\_OLD(strObject, strParent, strParam1, strParam2, strParam3, strParam4, strScreenShot, TS\_Name, strFunctionName, strTCStepID, stepDescription, TC\_Name)

Set Obj = fn\_createObjects(strParent & strObject)

'validate if object Exists

If Obj.Exist(Environment("DELAY")) Then

Else

GlobalReporting(stepDescription)=strParent & strObject & " Object Not Found in " & Environment("DELAY")

WriteLog "STEP FAILED",strParent & strObject & " Object Not Found in " & Environment("DELAY")

Keyword\_isReadOnly = False

Exit Function

End If

'create Operation command

value = "Contact column Title value " & strParam1 & ".\* column Modified at value " & strParam2 & " [\d|:]\* column Modified by value " & strParam3 & " column Changed by value admin Row 1 of 1"

Set oDesc = Description.Create

oDesc("micClass").value= "UIAObject"

oDesc("controltype").value= "ListItem"

oDesc("name").value= value

oDesc("supportedpatterns").value= "Invoke;SelectionItem;LegacyIAccessible"

Set list = Obj.ChildObjects(oDesc)

If list.Count=1 Then

list.Highlight

Else

GlobalReporting(stepDescription)=strParent & strObject & " Object Not Found in 10 Seconds"

Print strParent & strObject & " Object Not Found in 10 Seconds"

Keyword\_validateModifiedByAt = False

Exit Function

End If

If strScreenShot="Y" and Obj.Exist(5) Then

abs\_X = Obj.GetROProperty("abs\_x")

abs\_Y = Obj.GetROProperty("abs\_y")

height = Obj.GetROProperty("height")

width = Obj.GetROProperty("width")

fn\_TakeScreenshot TS\_Name, TC\_Name, Function\_Name, TC\_Step\_Id, abs\_X, abs\_Y, height, width

End If

GlobalReporting(stepDescription)="List item found within the Search Grid"

Keyword\_validateModifiedByAt = True

End Function

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

' Purpose: Determines which function to call based on keyword

'

' Inputs: strObject - Object Type and Name on which an action has to be performed

' strParent - Parent hirerarchy of the Object

' strAction - Action that needs to be performed

' strParam1 - Optional Parameter

' strParam2 - Optional Parameter

' strParam3 - Optional Parameter

' strParam4 - Optional Parameter

' strScreenShot - Boolean value to take screen shot

' - True, to take screenshot

' - False, to not take ss

' TS\_Name -

' Function\_Name -

' TC\_Step\_Id -

' Returns:

'

' Author: Ritesh Kawadkar

' Cretesd At: 10/4/2018

' Modified By:

' Reason For Change:

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Public Function Keyword\_validateModifiedByAt(strObject, strParent, strParam1, strParam2, strParam3, strParam4, strScreenShot, TS\_Name, strFunctionName, strTCStepID, stepDescription, TC\_Name)

Set Obj = fn\_createObjects(strParent & strObject)

'validate if object Exists

If Obj.Exist(Environment("DELAY")) Then

Else

GlobalReporting(stepDescription)=strParent & strObject & " Object Not Found in " & Environment("DELAY")

WriteLog "STEP FAILED", strParent & strObject & " Object Not Found in " & Environment("DELAY")

Keyword\_isReadOnly = False

Exit Function

End If

'create Operation command

Obj.Click

firstText = Obj.GetVisibleText

On Error Resume Next

Obj.SetScrollPercent 100, 0

On Error Goto 0

lastText = Obj.GetVisibleText

firstText = Replace(firstText, vbNewLine, " ")

lastText = Replace(lastText, vbNewLine, " ")

ContactText = firstText & " " & lastText

Set regX = New RegExp

regX.Global = true

regX.IgnoreCase = True

regX.pattern = strParam1 & ".\* " & strParam2 & " [\d|:]\* " & strParam3 & ".\* admin"

If Not regX.Execute(ContactText).Count=1 Then

GlobalReporting(stepDescription)="Please validate the modified by and modified at time"

End If

If strScreenShot="Y" and Obj.Exist(5) Then

abs\_X = Obj.GetROProperty("abs\_x")

abs\_Y = Obj.GetROProperty("abs\_y")

height = Obj.GetROProperty("height")

width = Obj.GetROProperty("width")

fn\_TakeScreenshot TS\_Name, TC\_Name, Function\_Name, TC\_Step\_Id, abs\_X, abs\_Y, height, width

End If

GlobalReporting(stepDescription)="List item found within the Search Grid"

Keyword\_validateModifiedByAt = True

End Function

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

' Purpose: Determines which function to call based on keyword

'

' Inputs: strObject - Object Type and Name on which an action has to be performed

' strParent - Parent hirerarchy of the Object

' strAction - Action that needs to be performed

' strParam1 - Optional Parameter

' strParam2 - Optional Parameter

' strParam3 - Optional Parameter

' strParam4 - Optional Parameter

' strScreenShot - Boolean value to take screen shot

' - True, to take screenshot

' - False, to not take ss

' TS\_Name -

' Function\_Name -

' TC\_Step\_Id -

' Returns:

'

' Author: Ritesh Kawadkar

' Cretesd At: 10/4/2018

' Modified By:

' Reason For Change:

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Public Function Keyword\_listCount(strObject, strParent, strParam1, strParam2, strParam3, strParam4, strScreenShot, TS\_Name, strFunctionName, strTCStepID, stepDescription, TC\_Name)

Set Obj = fn\_createObjects(strParent & strObject)

'validate if object Exists

If Obj.Exist(Environment("DELAY")) Then

Obj.Highlight

Else

GlobalReporting(stepDescription)=strParent & strObject & " Object Not Found in " & Environment("DELAY")

WriteLog "STEP FAILED",strParent & strObject & " Object Not Found in " & Environment("DELAY")

Keyword\_listCount = False

Exit Function

End If

'create Operation command

result = Obj.GetItems.Count

If strParam1 <> "" Then

If Left(strParam1, 5)="OUT>>" Then

strParam1 = Replace(strParam1, "OUT>>", "")

End If

Set objKeyword = new Connections

objKeyword.fnConnectToIOXL GlobalDictionary("TestDataPath"), TS\_Name

strQuery = "Select Count(\*) from [Output$] WHERE [TestCases] = '" & TC\_Name & "' and [Variables] = '" & strParam1 & "'"

count = 0

objKeyword.fnExecuteQuery(strQuery)

count = objKeyword.objRecordSet.Fields(0).Value

Set objKeyword = Nothing

Set objKeyword = new Connections

objKeyword.fnConnectToXLForWriting GlobalDictionary("TestDataPath"), TS\_Name

If count>0 Then

'UPDATE the variable's value

strQuery = "UPDATE [Output$] SET [Values] = '" & result & "' WHERE [TestCases] = '" & TC\_Name & "' and [Variables] = '" & strParam1 & "'"

Else

'INSERT new variable

strQuery = "INSERT INTO [Output$] VALUES('" & TC\_Name & "','" & strParam1 & "','" & result & "')"

End If

objKeyword.fnWriteToExcel(strQuery)

Set objKeyword = Nothing

End If

If strScreenShot="Y" and Obj.Exist(5) Then

abs\_X = Obj.GetROProperty("abs\_x")

abs\_Y = Obj.GetROProperty("abs\_y")

height = Obj.GetROProperty("height")

width = Obj.GetROProperty("width")

fn\_TakeScreenshot TS\_Name, TC\_Name, Function\_Name, TC\_Step\_Id, abs\_X, abs\_Y, height, width

End If

GlobalReporting(stepDescription)="Items count retrieved from grid"

Keyword\_listCount = True

End Function