**Task 1 Login in flight gui with different name and password each time automatic.**

systemutil.Run"C:\ProgramData\Microsoft\Windows\Start Menu\Programs\HP Software\HP Unified Functional Testing\Sample Applications\Flight GUI"  
Dialog("Login").WinEdit("Agent Name:").**Set** Datatable.Value("name","Global")  
Dialog("Login").WinEdit("Password:").**Set** Datatable.Value("password","Global")  
Dialog("Login").WinButton("OK").Click  
Window("Flight Reservation").Close

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**Task 2 Print 10 name and password in datatable automatic.**

datatable.GetSheet("Global").AddParameter "NAME","Ram"  
datatable.GetSheet("Global").AddParameter "PASSWORD","18"  
datatable.GetSheet("Global").SetCurrentRow(2)  
datatable.Value("NAME","Global")="Ramu"  
datatable.Value("PASSWORD","Global")="18"  
datatable.GetSheet("Global").SetCurrentRow(3)  
datatable.Value("NAME","Global")="sou"  
datatable.Value("PASSWORD","Global")="18"  
datatable.GetSheet("Global").SetCurrentRow(4)  
datatable.Value("NAME","Global")="SAM"  
datatable.Value("PASSWORD","Global")="18"  
datatable.GetSheet("Global").SetCurrentRow(5)  
datatable.Value("NAME","Global")="VENKI"  
datatable.Value("PASSWORD","Global")="18"  
datatable.GetSheet("Global").SetCurrentRow(6)  
datatable.Value("NAME","Global")="minu"  
datatable.Value("PASSWORD","Global")="18"  
datatable.GetSheet("Global").SetCurrentRow(7)  
datatable.Value("NAME","Global")="chinu"  
datatable.Value("PASSWORD","Global")="18"  
datatable.GetSheet("Global").SetCurrentRow(8)  
datatable.Value("NAME","Global")="dipa"  
datatable.Value("PASSWORD","Global")="18"  
datatable.GetSheet("Global").SetCurrentRow(9)  
datatable.Value("NAME","Global")="hima"  
datatable.Value("PASSWORD","Global")="18"  
datatable.GetSheet("Global").SetCurrentRow(10)  
datatable.Value("NAME","Global")="amit"  
datatable.Value("PASSWORD","Global")="18"  
**wait** 4

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**Task 3 Print same name 10 times by using loop.**

datatable.GetSheet("Global").AddParameter "NAME","sam"  
**For** i = 1 **To** 10 **step** 1  
datatable.GetSheet("Global").SetCurrentRow(i)  
datatable.Value("NAME",**Global**)="sam"  
**Next**

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**Task 4** **Add 2 number by using msgbox**.

x=**inputbox**("enter 1 value")  
y=**inputbox**("enter 2 value")  
a=**cint**(x)  
b=**cint**(y)  
sum=a+b  
**msgbox** sum

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**Task 5 Open gmail account from uft and sign in with username and password.**

Systemutil.Run "iexplore.exe","http:\\www.gmail.com"  
Browser("Gmail").Page("Gmail").WebEdit("Email").**Set**"memo.sourabh@gmail.com"  
Browser("Gmail").Page("Gmail").WebEdit("Passwd").**Set**"sourabh24"  
Browser("Gmail").Page("Gmail").WebButton("Sign in").Click

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**Task 6** **Print 1-100 even and odd number in column wise.**

datatable.GlobalSheet.AddParameter"even",""  
datatable.GlobalSheet.AddParameter"odd",""  
**For** i = 1 **To** 100 **Step** 1  
    **If** i **Mod** 2 =0 **Then**  
                j=j+1    
              datatable.GetSheet("Global").SetCurrentRow(j)  
              datatable.Value("even","Global")=i  
     **else**  
              k=k+1   
              datatable.GetSheet("Global").SetCurrentRow(k)  
              datatable.Value("odd","Global")=i  
    **End** **If**  
**Next**

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**Task 7**    **Take input n numbers and find out odd and even and print in different column.**

datatable.GetSheet("Action1").AddParameter"even",""  
datatable.GetSheet("Action1").AddParameter"odd",""  
a=**inputbox**("Enter numbers")  
z=**Split**(a,",")  
**For**  i= 0 **to** **UBound**(z)  
**If** z(i) **Mod** 2 =0 **Then**  
              j=j+1      
              datatable.GetSheet("Action1").SetCurrentRow(j)  
              datatable.Value("even","Action1")=z(i)  
     **else**  
              k=k+1   
              datatable.GetSheet("Action1").SetCurrentRow(k)  
              datatable.Value("odd","Action1")=z(i)  
    **End** **If**  
**Next**

**Task 8 Given a string “C:\base\documents” extract “document” and store it into another variable. Use report object to print it in the report viewer. Do not hard code the positions of characters and make use of InStr to get the last occurrence of “\” and then use Mid to extract the string “document”**

**do**  
u=**instr**(str,"\")  
str=**mid**(str,u+1)  
**Loop** **until** u=0  
print str

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**Task 9 Repeat task 8 but use InStrRev and Mid.**

**do**  
u=**instrrev**(str,"\")  
str=**mid**(str,u+1)  
**Loop** **until** u=0  
print str

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**Task 10**  **Repeat task 8 but use Right and InStrRev or InStr and Len functions.**

a=**len**(str)  
u=**instrrev**(str,"\")  
sou=a-u  
print **right**(str,sou)

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**Task 11 Given a comma separated string “a,b,c,d,e” find out if ‘c’ is present in the string using Split function. Use a loop to iterate over the array that Split will return and figure out if the character “c’ is present or not. Try to generalize the function in such a way that it should be able to find any character in a given string separated by any character. You may have to write a function say FindAChar (InputString, inputChar, delimiter).**

str="a,b,c,d,e,f"  
a=**split**(str,",")  
sou=**inputbox**("Enter any charter you want to find")  
**For** i = 0 **To** **ubound**(a)   
    **If** a(i)=sou **Then**  
        print "char is found"  
        exitaction  
    **End** **If**  
    **Next**  
    print "char is not found"

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**Task 12 Given a string “C:\base\documents” use Left function to extract “C:\base”. Use InStrRev or InStr and Len functions**

str="c:\base\document"  
a=**len**(str)  
u=**instrrev**(str,"\")  
sou=u-a  
print **left**(str,u-1)

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**Task 13 Create user define function for add, sub, divide and multiply and then call then.**

**Create a function—**

**Function** add(a,b)  
    s=**cint**(a)  
    t=**cint**(b)  
    add=s+t  
    print add  
**End** **Function**  
**Function** Subs(add,b)  
    subs=add-b  
    print subs  
**End** **Function**  
**Function** div(subs,b)  
    div=subs/b  
    print div  
**End** **Function**  
**Function** mult(div,b)  
    mult=div\*b  
    print mult  
**End** **Function**

**Call a function—**

x=**inputbox**("enter any number")  
y=**inputbox**("enter any number")  
**Call** add(x,y)  
**Call** subs(x,y)  
**Call** div(x,y)  
**Call** mult(x,y)

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**Task 14 Repeat the task 8 again by using user define function.**

**Function** Search(Search,Del)  
 start=**instr**(1,Search\_string,Del\_Element)  
start=0  
**Do**  
start=**instr**(start+1,Search,Del)  
n=start  
**If**  start = 0 **Then**  
**Exit** **Do**  
**End** **If**  
 var = **mid**(Search\_string,n+1)  
**Loop** **Until** start =0  
Search=Var  
print Search  
**End** **Function**

A="c\s\d\f\g\hhhhh"  
B= "\"  
**msgbox** Search(A,B)

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**Task 15**  **Repeat the task 9 again by using user define function.**

**Function** Search(Search\_string,Del)  
n=**instrrev**(Search\_string,Del)  
var = **mid**(Search\_string,n+1)  
print var  
**End** **Function**

A="c\s\d\f\g\hhhhh"  
B= "\"  
**msgbox** Search(A,B)

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**Task 16 Repeat the task 10 again by using user define function.**

**Function** Search(Search\_string,Del)  
n=**instrrev**(Search\_string,Del)  
a=**len**(Search\_string)  
u=**instrrev**(Search\_string,Del)  
sou=a-u  
print **right**(Search\_string,sou)  
**End** **Function**

A="c\s\d\f\g\hhhhh"  
B= "\"  
**msgbox** Search(A,B)

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**Task 17 Repeat the task 12 again by using user define function.**

**Function** Search(Search\_string,Del)  
a=**len**(Search\_string)  
u=**instrrev**(Search\_string,Del)  
sou=u-a  
print **left**(Search\_string,u-1)  
**End** **Function**

A="c\s\d\f\g\hhhhh"  
B= "\"  
**msgbox** Search(A,B)

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**Task 18 Repeat the task 11 again by using user define function.**

**Function** FindAChar (InputString, inputChar, delimiter)  
    inputchar=**inputbox**("Enter any charter you want to find")  
    a=**split**(Inputstring,delimiter)  
    **For** i = 0 **To** **ubound**(a)   
        **If** inputchar=a(i) **Then**  
            **msgbox** "found char"  
            exitaction  
        **End** **If**  
    **Next**  
    print"char not found"  
**End** **Function**

A="c\s\d\f\g\hhhhh"  
B= "\"  
**msgbox**  FindAChar (A, C, B)

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**Task 19 Repeat the task 7 again by using user define function.**

**FUNCTION** FIND(num)  
num=**inputbox**("Enter numbers")  
z=**Split**(num,",")  
**For**  i= 0 **to** **UBound**(z)  
**If** z(i) **Mod** 2 =0 **Then**  
print "even"  
**else**  
print "odd"  
**end** **if**  
**next**  
**End** **FUNCTION**

**CALL** FIND(N)

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**Task 20 Copying the data from one column to a new column with a new name.**

DataTable.GetSheet("Global").AddParameter "name","amit"      
datatable.GetSheet("Global").SetCurrentRow(2)  
datatable.Value("name","Global")="sourabh"  
datatable.GetSheet("Global").SetCurrentRow(3)  
datatable.Value("name","Global")="chayan"  
datatable.GetSheet("Global").SetCurrentRow(4)  
datatable.Value("name","Global")="venki"  
cnt=datatable.GetRowCount()  
**For** i=1 **to** cnt  
    DataTable.SetCurrentRow(i)  
    oldval=DataTable.Value("name","Global")  
    DataTable.Value("old","Global")=oldval  
**Next**

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**Task 21 Open flight GUI and book a flight by Descriptive Programming.**

dialog("text:=Login").winedit("attached text:=Agent Name:").**Set** "sourabh"  
dialog("text:=Login").winedit("attached text:=Password:").**Set** "mercury"  
dialog("text:=Login").winbutton("text:=OK").Click  
window("regexpwndtitle:=Flight Reservation").activex("progid:=MSMask\.MaskEdBox\.1").Type "022816"  
window("regexpwndtitle:=Flight Reservation").wincombobox("attached text:=Fly From:").**select** "london"  
window("regexpwndtitle:=Flight Reservation").wincombobox("attached text:=Fly To:").**select** "frankfurt"  
window("regexpwndtitle:=Flight Reservation").winbutton("text:=FLIGHT").click  
window("regexpwndtitle:=Flight Reservation").dialog("text:=Flights Table").winlist("attached text:=From","nativeclass:=ListBox").**select** "10341   LON   10:33 AM   FRA   11:17 AM   LH     $123.20"  
window("regexpwndtitle:=Flight Reservation").dialog("text:=Flights Table").winbutton("text:=OK").Click  
window("regexpwndtitle:=Flight Reservation").winedit("attached text:=Name:","nativeclass:=Edit","window id:=1014").**set** "sour"  
window("regexpwndtitle:=Flight Reservation").winbutton("text:=&Insert Order").Click

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**Task 22 Open flight GUI click on help , ok and cancel in Descriptive Programming.**

dialog("text:=Login").winedit("attached text:=Agent Name:").**Set** "sourabh"  
dialog("text:=Login").winedit("attached text:=Password:").**Set** "mercury"  
dialog("text:=Login").winbutton("text:=Help").Click  
dialog("text:=Flight Reservations").winbutton("text:=OK").Click  
dialog("text:=Login").winbutton("text:=OK").Click  
window("regexpwndtitle:=Flight Reservation").activex("progid:=MSMask\.MaskEdBox\.1").Type "022816"  
window("regexpwndtitle:=Flight Reservation").wincombobox("attached text:=Fly From:").**select** "london"  
window("regexpwndtitle:=Flight Reservation").wincombobox("attached text:=Fly To:").**select** "frankfurt"  
window("regexpwndtitle:=Flight Reservation").winbutton("text:=FLIGHT").click  
window("regexpwndtitle:=Flight Reservation").dialog("text:=Flights Table").winlist("attached text:=From","nativeclass:=ListBox").**select** "10341   LON   10:33 AM   FRA   11:17 AM   LH     $123.20"  
window("regexpwndtitle:=Flight Reservation").dialog("text:=Flights Table").winbutton("text:=OK").Click  
window("regexpwndtitle:=Flight Reservation").winedit("attached text:=Name:","nativeclass:=Edit","window id:=1014").**set** "sour"  
window("regexpwndtitle:=Flight Reservation").winradiobutton("text:=First ").Click  
window("regexpwndtitle:=Flight Reservation").winbutton("text:=&Insert Order").Click  
systemutil.Run"C:\ProgramData\Microsoft\Windows\Start Menu\Programs\HP Software\HP Unified Functional Testing\Sample Applications\Flight GUI"  
dialog("text:=Login").winedit("attached text:=Agent Name:").**Set** "sourabh"  
dialog("text:=Login").winedit("attached text:=Password:").**Set** "mercury"  
dialog("text:=Login").winbutton("text:=cancel").Click

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**Task 23 Open flight GUI click on help , ok and cancel by taking from data table in Descriptive Programming.**

dialog("text:=Login").winedit("attached text:=Agent Name:").**Set** "sourabh"  
dialog("text:=Login").winedit("attached text:=Password:").**Set** "mercury"  
hhh=datatable.Value("A","Action1")  
dialog("text:=Login").winbutton("text:="&hhh).Click  
dialog("text:=Flight Reservations").winbutton("text:=OK").Click  
hhh=datatable.Value("B","Action1")  
dialog("text:=Login").winbutton("text:="&hhh).Click  
window("regexpwndtitle:=Flight Reservation").activex("progid:=MSMask\.MaskEdBox\.1").Type "022816"  
window("regexpwndtitle:=Flight Reservation").wincombobox("attached text:=Fly From:").**select** "london"  
window("regexpwndtitle:=Flight Reservation").wincombobox("attached text:=Fly To:").**select** "frankfurt"  
window("regexpwndtitle:=Flight Reservation").winbutton("text:=FLIGHT").click  
window("regexpwndtitle:=Flight Reservation").dialog("text:=Flights Table").winlist("attached text:=From","nativeclass:=ListBox").**select** "10341   LON   10:33 AM   FRA   11:17 AM   LH     $123.20"  
window("regexpwndtitle:=Flight Reservation").dialog("text:=Flights Table").winbutton("text:=OK").Click  
window("regexpwndtitle:=Flight Reservation").winedit("attached text:=Name:","nativeclass:=Edit","window id:=1014").**set** "sour"  
window("regexpwndtitle:=Flight Reservation").winradiobutton("text:=First ").Click  
window("regexpwndtitle:=Flight Reservation").winbutton("text:=&Insert Order").Click  
systemutil.Run"C:\ProgramData\Microsoft\Windows\Start Menu\Programs\HP Software\HP Unified Functional Testing\Sample Applications\Flight GUI"  
dialog("text:=Login").winedit("attached text:=Agent Name:").**Set** "sourabh"  
dialog("text:=Login").winedit("attached text:=Password:").**Set** "mercury"  
hhh=datatable.Value("C","Action1")  
dialog("text:=Login").winbutton("text:="&hhh).Clickhhh=datatable.Value("A","Action1")  
dialog("text:=Login").winbutton("text:=cancel").Click

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**Task 24 Count number of winbutton in login window in flight GUI.**

**Set** ocollection = **Description**.Create  
ocollection("micclass").value = "WinButton"  
**Set** ocollection=Dialog("text:=Login").ChildObjects(ocollection)  
**msgbox** ocollection.count

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**Task 25 Count number of winbutton and use loop to click on each button in login window in flight GUI.**

**Set** ocollection = **Description**.Create  
ocollection("micclass").value = "WinButton"  
**Set** ocollection=Dialog("text:=Login").ChildObjects(ocollection)  
a=ocollection.count  
print a  
**For** i = 1 **to** a   **Step** 1  
     **If** i=1 **Then**  
             dialog("text:=Login").winbutton("text:=Help").Click  
             dialog("text:=Flight Reservations").winbutton("text:=OK").Click      
**ElseIf** i=2 **Then**  
dialog("text:=Login").winbutton("text:=cancel").Click  
**ElseIf** i=3 **Then**  
systemutil.Run"C:\ProgramData\Microsoft\Windows\Start Menu\Programs\HP Software\HP Unified Functional Testing\Sample Applications\Flight GUI"  
dialog("text:=Login").winedit("attached text:=Agent Name:").**Set** "sourabh"  
dialog("text:=Login").winedit("attached text:=Password:").**Set** "mercury"  
dialog("text:=Login").winbutton("text:=OK").Click  
window("regexpwndtitle:=Flight Reservation").activex("progid:=MSMask\.MaskEdBox\.1").Type "022816"  
window("regexpwndtitle:=Flight Reservation").wincombobox("attached text:=Fly From:").**select** "london"  
window("regexpwndtitle:=Flight Reservation").wincombobox("attached text:=Fly To:").**select** "frankfurt"  
window("regexpwndtitle:=Flight Reservation").winbutton("text:=FLIGHT").click  
window("regexpwndtitle:=Flight Reservation").dialog("text:=Flights Table").winlist("attached text:=From","nativeclass:=ListBox").**select** "10341   LON   10:33 AM   FRA   11:17 AM   LH     $123.20"  
window("regexpwndtitle:=Flight Reservation").dialog("text:=Flights Table").winbutton("text:=OK").Click  
window("regexpwndtitle:=Flight Reservation").winedit("attached text:=Name:","nativeclass:=Edit","window id:=1014").**set** "sour"  
window("regexpwndtitle:=Flight Reservation").winradiobutton("text:=First ").Click  
window("regexpwndtitle:=Flight Reservation").winbutton("text:=&Insert Order").Click  
**End** **If**  
**Next**

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**Task 26 Take username and password by user and by using negative testing.**

**Create function**

**Function** agent   
  a=**inputbox**("enter agent name")  
  dialog("text:=Login").winedit("attached text:=Agent Name:").**Set** a      
     **If** **len**(a)<4 **Then**  
         **msgbox** "agent name have to be atleast 4 charater"  
         **Call** agent  
     **End** **If**         
         **Call** password()  
**End** **Function**  
  
**Function** password()  
  b=**inputbox**("enter passwaord")  
  dialog("text:=Login").winedit("attached text:=Password:").**Set** b      
     **If** b<>"mercury" **Then**  
        **msgbox**"wrong password"  
        **Call** password  
    **End** **If**  
     dialog("text:=Login").winbutton("text:=OK").Click  
          **Call** main()  
**End** **Function**  
  
**Function** main  
  window("regexpwndtitle:=Flight Reservation").activex("progid:=MSMask\.MaskEdBox\.1").Type "022816"  
  window("regexpwndtitle:=Flight Reservation").wincombobox("attached text:=Fly From:").**select** "london"  
  window("regexpwndtitle:=Flight Reservation").wincombobox("attached text:=Fly To:").**select** "frankfurt"  
  window("regexpwndtitle:=Flight Reservation").winbutton("text:=FLIGHT").click  
  window("regexpwndtitle:=Flight Reservation").dialog("text:=Flights Table").winlist("attached text:=From","nativeclass:=ListBox").**select** "10341   LON   10:33 AM   FRA   11:17 AM   LH     $123.20"  
  window("regexpwndtitle:=Flight Reservation").dialog("text:=Flights Table").winbutton("text:=OK").Click  
  window("regexpwndtitle:=Flight Reservation").winedit("attached text:=Name:","nativeclass:=Edit","window id:=1014").**set** "sour"  
  window("regexpwndtitle:=Flight Reservation").winradiobutton("text:=First ").Click  
  window("regexpwndtitle:=Flight Reservation").winbutton("text:=&Insert Order").Click  
  window("regexpwndtitle:=Flight Reservation").Close  
**End** **Function**

**Call function**

**call agent name()**

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**Task 27 Highlight all the object in the login screen and count the object.**

**Set** ocollection = **Description**.Create  
**Set** ocollection=Dialog("text:=Login").ChildObjects(ocollection)  
**For** i = 0 **To** ocollection.count  
ocollection(i).highlight  
**Next**  
**msgbox** ocollection.count

------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------**Task 28 Highlight all button object in the login screen and count the button object.**

**Set** ocollection = **Description**.Create  
ocollection("micclass").value = "WinButton"  
**Set** ocollection=Dialog("text:=Login").ChildObjects(ocollection)  
**For** i = 0 **To** ocollection.count  
ocollection(i).highlight  
**Next**  
**msgbox** ocollection.count

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**Task 29 Do the task 23 and highlight all the objects and count them.**

*'highlight all the object in login screen*  
**Set** ocollection = **Description**.Create  
**Set** ocollection=Dialog("text:=Login").ChildObjects(ocollection)  
**For** i = 0 **To** ocollection.count-1  
ocollection(i).highlight  
**Next**  
**msgbox** ocollection.count  
dialog("text:=Login").winedit("attached text:=Agent Name:").**Set** "sourabh"  
dialog("text:=Login").winedit("attached text:=Password:").**Set** "mercury"  
dialog("text:=Login").winbutton("text:=Help").Click  
*'highlight all the object in the help menu*  
**Set** ocollection = **Description**.Create  
**Set** ocollection=Dialog("text:=Flight Reservations").ChildObjects(ocollection)  
**For** i = 0 **To** ocollection.count-1  
ocollection(i).highlight  
**Next**  
**msgbox** ocollection.count  
dialog("text:=Flight Reservations").winbutton("text:=OK").Click  
dialog("text:=Login").winbutton("text:=OK").Click

*'highlight all the object in the Flight Reservations screen*  
**Set** ocollection = **Description**.Create  
**Set** ocollection=window("regexpwndtitle:=Flight Reservation").ChildObjects(ocollection)  
**For** i = 0 **To** ocollection.count-1  
ocollection(i).highlight  
**Next**  
**msgbox** ocollection.count  
window("regexpwndtitle:=Flight Reservation").activex("progid:=MSMask\.MaskEdBox\.1").Type "022816"  
window("regexpwndtitle:=Flight Reservation").wincombobox("attached text:=Fly From:").**select** "london"  
window("regexpwndtitle:=Flight Reservation").wincombobox("attached text:=Fly To:").**select** "frankfurt"  
window("regexpwndtitle:=Flight Reservation").winbutton("text:=FLIGHT").click  
window("regexpwndtitle:=Flight Reservation").dialog("text:=Flights Table").winlist("attached text:=From","nativeclass:=ListBox").**select** "10341   LON   10:33 AM   FRA   11:17 AM   LH     $123.20"  
window("regexpwndtitle:=Flight Reservation").dialog("text:=Flights Table").winbutton("text:=OK").Click  
window("regexpwndtitle:=Flight Reservation").winedit("attached text:=Name:","nativeclass:=Edit","window id:=1014").**set** "sour"  
window("regexpwndtitle:=Flight Reservation").winradiobutton("text:=First ").Click  
window("regexpwndtitle:=Flight Reservation").winbutton("text:=&Insert Order").Click  
systemutil.Run"C:\ProgramData\Microsoft\Windows\Start Menu\Programs\HP Software\HP Unified Functional Testing\Sample Applications\Flight GUI"  
dialog("text:=Login").winedit("attached text:=Agent Name:").**Set** "sourabh"  
dialog("text:=Login").winedit("attached text:=Password:").**Set** "mercury"  
dialog("text:=Login").winbutton("text:=cancel").Click

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**Task 30 Print column name line by line.**

ColNums=DataTable.GetSheet("Global").getparametercount  
**For** i=1 **to** ColNums  
ColName=DataTable.GetSheet("Global").GetParameter(i).name  
print ColName  
**Next**

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**Task 31 Check condition for correct format of date , prize of any product in decimal in regular expression.**

**CONDITION**

DD (0[0-9]|1[0-2])-

MM (0[0-9]|1[0-9]|2[0-9]|3[0-1])-

YY ([0-2][0-1][0-9][0-9]|)

**ANSWER**

05-31-2099

**CONDITION**

SYMBOLE .

PRIZE ([0-9][0-9]).

PRIZE AFTER DECIMAL ([0-9][0-9])

**ANSWER**

$21.12

**CONDITION**

HOUR (0[0-9]|1[0-2]).

MIN ([0-6][0-9]).

SEC ([0-6][0-9])

**ANSWER**

12:45:56

**--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------**

**Task 32 Print button current property value by use of getroproperty**

**Set** ocollection = **Description**.Create  
ocollection("micclass").value = "WinButton"  
**Set** ocollection=Dialog("Login").ChildObjects(ocollection)  
sou=ocollection.count  
**msgbox** sou  
**For** i = 0 **To** sou-1  
c=ocollection(i).GetROProperty("text")  
**msgbox** c  
**Next**

**------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------**

**Task 33 Print button and winedit current property value by use of getroproperty**

**Set** ocollection = **description**.Create  
ocollection("micclass").value="winbutton"  
**Set** ocollection=dialog("Login").ChildObjects(ocollection)  
sou=ocollection.count  
**msgbox** sou  
**For** i = 0 **To** sou-1   
    d=ocollection(i).getroproperty("text")  
    **msgbox** d  
**Next**  
**Set** ocollection = **description**.Create  
ocollection("micclass").value="winedit"  
**Set** ocollection=dialog("Login").ChildObjects(ocollection)  
sou1=ocollection.count  
**msgbox** sou1  
**For** i = 0 **To** sou1-1   
    b=ocollection(i).getroproperty("attached text")  
**msgbox** b  
**Next**

**------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------**

**Task 34 Print last record in flight table .**

Dialog("Login").WinEdit("Agent Name:").**Set** "sour"   
Dialog("Login").WinEdit("Password:").SetSecure "56b4818da72202e9a9cfd9fde88ba6cce3bd703c"Dialog("Login").WinButton("OK").Click   
Window("Flight Reservation").ActiveX("MaskEdBox").Type "020616" Window("Flight Reservation").WinComboBox("Fly From:").**Select** "Frankfurt" Window("Flight Reservation").WinComboBox("Fly To:").**Select** "London" Window("Flight Reservation").WinButton("FLIGHT").Click f=Window("Flight Reservation").Dialog("Flights Table").WinList("From").GetROProperty("items count")  
**msgbox** f  
**For** i= 0 **to** f-1  
  sou=Window("Flight Reservation").Dialog("Flights Table").WinList("From").GetItem(i)  
**next**  
**msgbox** sou

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**Task 35 Print only the flight number from flight table and store in datatable.**

Dialog("Login").WinEdit("Agent Name:").**Set** "sourabh" Dialog("Login").WinEdit("Password:").SetSecure "56b49c221cab3d56b3588aabc1443ac9da517dee"Dialog("Login").WinButton("OK").Click Window("Flight Reservation").ActiveX("MaskEdBox").Type "020616" Window("Flight Reservation").WinComboBox("Fly From:").**Select** "Frankfurt"Window("Flight Reservation").WinComboBox("Fly To:") .**Select** "Denver"  Window("Flight Reservation").WinButton("FLIGHT").Click f=Window("Flight Reservation").Dialog("Flights Table").WinList("From").GetROProperty("all items")  
**msgbox** f  
k=**chr**(10)  
a=**split**(f,k)  
j=1  
**For** i= 0 **to** **ubound**(a)  
var1=a(i)  
var2=**instr**(var1," ")  
var3=**mid**(var1,1,var2-1)  
**msgbox** var3  
datatable.GetSheet("Global").SetCurrentRow(j)  
datatable.Value("number","Global")=var3          
j=j+1   
**Next**   
Window("Flight Reservation").Dialog("Flights Table").WinButton("OK").Click  
Window("Flight Reservation").WinEdit("Name:").**Set** "sou"   
Window("Flight Reservation").WinButton("Insert Order").Click

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**Task 36 Show next working day.**

a=**inputbox** ("enter the date")  
b=**weekday**(a)  
  
**If** b<=5 **Then**  
b=b+1  
sou=**weekdayname**(b)  
**msgbox** sou  
  
**elseIf** b=6 **Then**  
b=b-4  
sou=**weekdayname**(b)  
**msgbox** sou  
  
**ElseIf** b=7 **Then**  
b=b-5  
sou=**weekdayname**(b)  
**msgbox** sou  
**End** **if**

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**Task 37 Print the day is working day or not.**

a=**inputbox** ("enter the date")  
b=**weekday**(a)  
**msgbox** b  
**If** b<6 **and** b<>1 **Then**  
    **msgbox** "working day"  
**Else**  
**msgbox** "not a working day"  
**End** **If**

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**Task 38 Find the number of working days in a month.**

days=**inputbox**("enter the days")  
weeks=**inputbox**("momber of weeks")  
a=weeks\*5  
**msgbox** a  
c=a/12  
**msgbox** "numbers of working days" & c

or

a=**inputbox**("enter month")  
  **Select** **Case** a  
      **Case** 1,7   
    **msgbox** "Number of working days is 20 to 21"   
    **Case** 2,3,6,8,9,10,11,12   
    **msgbox** "Number of working days is 22 to 23 "  
    **Case** 4,5   
    **msgbox** "Number of working days is 21 to 22"  
**End** **select**

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**Task 39 Read content from one file and write from another file.**

**Set** fso1=**createobject**("scripting.filesystemobject")  
**Set** file=fso1.OpenTextFile("d:\sam.txt",1)  
**Set** file1=fso1.OpenTextFile("e:\ami.txt",2)  
**do** **until** file.AtEndOfStream=**true**  
    x=file.ReadAll  
    file1.**Write** x  
**loop**  
file1.close  
file.Close  
**Set** file=**nothing**

**------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------**

**Task 40 Login flight GUI with username and password from excel sheet.**

systemutil.Run"C:\ProgramData\Microsoft\Windows\Start Menu\Programs\HP Software\HP Unified Functional Testing\Sample Applications\Flight GUI"  
**Set** exlo=**createobject**("excel.application")  
exlo.Workbooks.Open "d:\di.xls"  
**Set** sheet=exlo.ActiveWorkbook.Worksheets("Sheet1")  
username=Sheet.cells(1,1).value  
password=Sheet.cells(1,2).value  
dialog("text:=Login").winedit("attached text:=Agent Name:").**Set** username  
dialog("text:=Login").winedit("attached text:=Password:").**Set** password  
dialog("text:=Login").winbutton("text:=OK").Click  
exlo.ActiveWorkbook.Close  
exlo.Application.Quit

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**Task41 Login flight GUI with different username and password from excel sheet.**

**Set** exlo=**createobject**("excel.application")  
exlo.Workbooks.Open "d:\di.xls"  
**Set** sheet=exlo.ActiveWorkbook.Worksheets("Sheet1")  
row1=sheet.usedrange.rows.count  
**For** i = 1 **To** row1 **Step** 1

systemutil.Run"C:\ProgramData\Microsoft\Windows\Start Menu\Programs\HP Software\HP Unified Functional Testing\Sample Applications\Flight GUI"  
        username=sheet.cells(i,1).value  
        password=sheet.cells(i,2).value  
        dialog("text:=Login").winedit("attached text:=Agent Name:").**Set** username  
        dialog("text:=Login").winedit("attached text:=Password:").**Set** password  
        dialog("text:=Login").winbutton("text:=OK").Click  
        window("regexpwndtitle:=Flight Reservation").Close  
**Next**  
exlo.ActiveWorkbook.Close

**or**

**Set** exlo=**createobject**("excel.application")  
exlo.Visible=**true**  
exlo.Workbooks.Open "d:\di.xls"  
**Set** sheet=exlo.ActiveWorkbook.Worksheets("Sheet1")  
row1=sheet.usedrange.rows.count  
col1=sheet.usedrange.columns.count  
**For** i = 1 **To** row1 **Step** 1  
        **For** J = 1 **To** col1 **Step** 1  
        systemutil.Run"C:\ProgramData\Microsoft\Windows\Start Menu\Programs\HP Software\HP Unified Functional Testing\Sample Applications\Flight GUI"  
        username=sheet.cells(i,j).value  
        **msgbox** username  
        j=j+1  
        password=sheet.cells(i,j).value  
        **msgbox** password  
        dialog("text:=Login").winedit("attached text:=Agent Name:").**Set** username  
        dialog("text:=Login").winedit("attached text:=Password:").**Set** password  
        dialog("text:=Login").winbutton("text:=OK").Click  
        window("regexpwndtitle:=Flight Reservation").Close  
**Next**  
**next**  
exlo.ActiveWorkbook.Close

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**Task 42 Delete the data.**

**Set** exlo=**createobject**("excel.application")  
exlo.Visible=**True**   
**set** sheet=exlo.Workbooks.Open("d:\Book1.xls")  
**set** wsheet=exlo.Worksheets.Item("Sheet1")  
row1=Wsheet.usedrange.rows.count  
col1=Wsheet.usedrange.columns.count  
**For** i = 1 **To** row1 **Step** 1  
**For** j = 1 **To** col1 **Step** 1  
    Wsheet.cells(i,j).value = ""  
    **Next**  
    **next**  
sheet.Save  
sheet.Close  
exlo.Quit  
**Set** exlo=**nothing**  
**------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------**

**Task 43 Copy the date of one sheet to another sheet of another excel file.**

**Set** exlo=**createobject**("excel.application")  
exlo.Visible=**true**  
**set** workbook1=exlo.Workbooks.Open("d:\Book1.xls")  
workbook1.worksheets("Sheet1").usedrange.copy  
**set** workbook2=exlo.Workbooks.Open("d:\Book2.xls")  
workbook2.worksheets("Sheet1").range("A1").pastespecial  
workbook1.save  
workbook2.save  
workbook1.close  
workbook2.close  
exlo.Quit  
**Set** exlo=**nothing**

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**Task 44 Put any value in excel sheet first check it exist or not then if not then create the sheet and put any value.**

**Set** fso=**createobject**("scripting.filesystemobject")  
**Set** exlo=**createobject**("excel.application")  
**If** fso.FileExists("d:\book1.xls")=**false** **Then**  
    exlo.Workbooks.Add  
    exlo.ActiveWorkbook.SaveAs("d:\book1.xls")  
    **set** wsheet=exlo.ActiveWorkbook.Worksheets("sheet1")  
    wsheet.cells(1,1).value="sourabh"  
    exlo.ActiveWorkbook.Save  
    exlo.ActiveWorkbook.Close  
    exlo.Quit  
**else**  
exlo.Workbooks.Open("d:\book1.xls")  
**set** wsheet=exlo.ActiveWorkbook.Worksheets("sheet1")  
wsheet.cells(1,1).value="sourabh"  
exlo.ActiveWorkbook.Save  
exlo.ActiveWorkbook.Close  
exlo.Quit  
**End** **If**  
**Set** exlo=**nothing**

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**Task 45 Enter status report of an application into excel with or without function.**

s\_time=**timer**  
Dialog("Login").WinEdit("Agent Name:").**Set** "sourabh"  
Dialog("Login").WinEdit("Password:").**Set** "mercury"  
Dialog("Login").WinButton("OK").Click  
e\_time=**timer**  
t\_taken=e\_time-s\_time  
  
**Set** exlo=**createobject**("excel.application")  
exlo.Workbooks.Add  
exlo.Workbooks.Open("d:\flight.xls")  
exlo.Visible=**true**  
**wait** 2  
**set** sheet=exlo.ActiveWorkbook.Worksheets("sheet1")  
sheet.cells(1,1)="Step"  
sheet.cells(1,2)="Actual"  
sheet.cells(1,3)="Expexted"  
sheet.cells(1,4)="Time"  
sheet.cells(1,5)="Date"  
sheet.cells(1,6)="Status"  
sheet.cells(1,7)="e\_time"  
row1=sheet.usedrange.rows.count   
  
**If** Window("Flight Reservation").Exist=**true** **then**  
    sheet.cells(row1+1,1)="Login"  
    sheet.cells(row1+1,2)="Login window is open"  
    sheet.cells(row1+1,3)="Login window have to open"  
    sheet.cells(row1+1,4).value=**date**  
    sheet.cells(row1+1,5).value=**time**  
    sheet.cells(row1+1,6)="pass"  
    sheet.cells(row1+1,7)=t\_taken  
**else**  
    sheet.cells(row1+1,1)="Login"  
    sheet.cells(row1+1,2)="Login window is n open"  
    sheet.cells(row1+1,3)="Login window have to open"  
    sheet.cells(row1+1,4).value=**date**  
    sheet.cells(row1+1,5).value=**time**  
    sheet.cells(row1+1,6)="fail"  
    sheet.cells(row1+1,7)=t\_taken  
**End** **If**    

s\_time=**timer**  
Window("Flight Reservation").ActiveX("MaskEdBox").Type "050616" Window("Flight Reservation").WinComboBox("Fly From:").**Select** "Frankfurt"    
Window("Flight Reservation").WinComboBox("Fly To:").**Select** "Denver" Window("Flight Reservation").WinButton("FLIGHT").Click   
Window("Flight Reservation").Dialog("Flights Table").WinList("From").**Select** "20122   FRA   08:00 AM   DEN   08:45 AM   SR     $163.00"   
Window("Flight Reservation").Dialog("Flights Table").WinButton("OK").Click Window("Flight Reservation").WinEdit("Name:").**Set** "sou"  
Window("Flight Reservation").WinButton("Insert Order").Click   
e\_time=**timer**  
t\_taken=e\_time-s\_time

**If** Window("Flight Reservation").WinButton("Insert Order").Exist=**true** **Then**  
    sheet.cells(row1+2,1)="reservation window"  
   sheet.cells(row1+2,2)="flight reservation window is open"  
   sheet.cells(row1+2,3)="flight reservation window have to open"  
   sheet.cells(row1+2,4).value=**date**  
   sheet.cells(row1+2,5).value=**time**  
   sheet.cells(row1+2,6)="pass"  
   sheet.cells(row1+2,7)=t\_taken  
**else**      
   sheet.cells(row1+2,1)="reservation window"  
   sheet.cells(row1+2,2)="flight reservation window is not open"  
   sheet.cells(row1+2,3)="flight reservation window have to open"  
   sheet.cells(row1+2,4).value=**date**  
   sheet.cells(row1+2,5).value=**time**  
   sheet.cells(row1+2,6)="fail"  
   sheet.cells(row1+2,7)=t\_taken  
**End** **If**    
exlo.ActiveWorkbook.Save  
exlo.ActiveWorkbook.Close  
**Set** sheet=**nothing**

Or

Action part

s\_time=**timer**  
dialog("Login").winedit("Agent Name:").**Set** datatable.Value("username","Action1")  
dialog("Login").winedit("Password:").**Set** datatable.Value("password","Action1")  
dialog("Login").winbutton("OK").Click  
e\_time=**timer**  
ex\_time=e\_time-s\_time  
**If** Window("Flight Reservation").Exist(5)=**true** **then**  
     **Call** excelreport("Login","Login window is open","Login window have to open",**date**,**time**,"Pass",ex\_time)  
**else**  
     **Call** excelreport("Login","Login window is open","Login window is not open",**date**,**time**,"Fail",ex\_time)  
**End** **If**      
  
**If** Window("Flight Reservation").Exist(2)=**true** **Then**  
      s\_time1=**timer**  
      Window("Flight Reservation").ActiveX("MaskEdBox").Type "050616"                                          
      Window("Flight Reservation").WinComboBox("Fly From:").**Select** "Frankfurt"    
      Window("Flight Reservation").WinComboBox("Fly To:").**Select** "Denver"   
      Window("Flight Reservation").WinButton("FLIGHT").Click   
      Window("Flight Reservation").Dialog("Flights Table").WinList("From").**Select** "20122   FRA   08:00 AM   DEN   08:45 AM   SR     $163.00"   
      Window("Flight Reservation").Dialog("Flights Table").WinButton("OK").Click   
      Window("Flight Reservation").WinEdit("Name:").**Set** "sou"  
      Window("Flight Reservation").WinButton("Insert Order").Click   
      e\_time1=**timer**  
      ex\_time1=e\_time1-s\_time1  
      **Call** excelreport("Reservation window","Flight reservation window is open","Flight reservation window have to open",**date**,**time**,"Pass",ex\_time1)  
**else**  
      **Call** excelreport("Reservation window","Flight reservation window is open","Flight reservation window is not open",**date**,**time**,"Fail",ex\_time1)  
**End** **If**

function part

**Function** excelreport(string1,string2,string3,string4,string5,string6,string7)  
**Set** exlo=**createobject**("excel.application")  
exlo.Workbooks.Open("e:\sou1.xls")  
**set** sheet=exlo.ActiveWorkbook.Worksheets("sheet2")  
exlo.Visible=**true**  
col=1  
J=1  
A=**array**("Step","Actual","Expexted","Time","Date","Status","E\_time")  
     **For** i = o **To** **ubound**(a) **Step** 1  
         sheet.cells(1,J)=A(i)  
         J=J+1  
     **Next**  
row1=sheet.usedrange.rows.count   
pas=**array**(string1,string2,string3,string4,string5,string6,string7)  
        **For** i = 0 **To** **ubound**(pas) **Step** 1  
            sheet.cells(row1+1,col)=pas(i)  
            col=col+1  
        **next**  
  
exlo.ActiveWorkbook.Save  
exlo.ActiveWorkbook.Close  
**set** exlo=**nothing**  
**End** **Function**

Array

**Set** exlo=**createobject**("excel.application")  
exlo.Workbooks.Open("d:\sou.xls")  
exlo.Visible=**true**  
**set** sheet=exlo.ActiveWorkbook.Worksheets("sheet1")  
attri=**array**("step","actual","expexted","time","date","status")  
col=1  
**For** i = 0 **To** **ubound**(attri) **Step** 1  
    sheet.cells(row+1,col)=attri(i)  
    col=col+1  
**next**  
row1=sheet.usedrange.rows.count   
      
dialog("Login").winedit("Agent Name:").**Set** datatable.Value("username","Action1")  
dialog("Login").winedit("Password:").**Set** datatable.Value("password","Action1")  
dialog("Login").winbutton("OK").Click  
col=1  
col1=1  
**If** Window("Flight Reservation").Exist(2)=**true** **then**  
     pas=**array**("Login","Login window is open","Login window have to open",**date**,**time**,"pass")  
        **For** i = 0 **To** **ubound**(pas) **Step** 1  
            sheet.cells(row1+1,col)=pas(i)  
            col=col+1  
        **next**  
**else**  
    fal=**array**("Login","Login window is open","Login window is not open",**date**,**time**,"fail")  
        **For** i = 0 **To** **ubound**(fal) **Step** 1  
            sheet.cells(row1+1,col1)=fal(i)  
            col1=col1+1  
        **next**  
**End** **If**      
  
  
**If** Window("Flight Reservation").Exist(2)=**true** **Then**  
      
Window("Flight Reservation").ActiveX("MaskEdBox").Type "050616"                                          
Window("Flight Reservation").WinComboBox("Fly From:").**Select** "Frankfurt"    
Window("Flight Reservation").WinComboBox("Fly To:").**Select** "Denver"   
Window("Flight Reservation").WinButton("FLIGHT").Click   
Window("Flight Reservation").Dialog("Flights Table").WinList("From").**Select** "20122   FRA   08:00 AM   DEN   08:45 AM   SR     $163.00"   
Window("Flight Reservation").Dialog("Flights Table").WinButton("OK").Click   
Window("Flight Reservation").WinEdit("Name:").**Set** "sou"  
Window("Flight Reservation").WinButton("Insert Order").Click   
col=1  
col1=1  
pas=**array**("reservation window","flight reservation window is open","flight reservation window have to open",**date**,**time**,"pass")  
   **For** i = o **To** **ubound**(pas) **Step** 1  
   sheet.cells(row1+2,col)=pas(i)      
   col=col+1  
   **Next**  
**else**      
   fal=**array**("reservation window","flight reservation window is open","flight reservation window is not open",**date**,**time**,"fail")  
   **For** i = o **To** **ubound**(fal) **Step** 1  
   sheet.cells(row1+2,col1)=fal(i)      
   col1=col1+1  
   **Next**  
**End** **If**    
exlo.ActiveWorkbook.Save  
exlo.ActiveWorkbook.Close  
**Set** sheet=**nothing**

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**Task 46 Take number from excel sheet and find the number is even or not.**

datatable.ImportSheet "d:\sou.xls","Sheet2","Action1"  
a=datatable.GetSheet("Action1").GetRowCount  
datatable.AddSheet("evensheet")  
datatable.AddSheet("oddsheet")  
datatable.GetSheet("evensheet").AddParameter"Even",""  
datatable.GetSheet("oddsheet").AddParameter"Odd",""  
j=1  
k=1  
**For** i = 1 **To** a **Step** 1  
    **If** i **Mod** 2 =0 **Then**  
                    
              datatable.GetSheet("evensheet").SetCurrentRow(j)  
              datatable.Value("Even","evensheet")=i  
     j=j+1  
     **else**  
                 
              datatable.GetSheet("oddsheet").SetCurrentRow(k)  
              datatable.Value("Odd","oddsheet")=i  
    k=k+1  
    **End** **If**  
**Next**