

```

//*****
//
// NAME:          WPCHTB01.WPM
// PURPOSE:      Coach on Creating a table
// AUTHOR:       J. J. Westergren, WPCorp
// Rev Date:    5/28/93
//*****
// Revision History
//
//
Global(ScrnMode;MsgAdj;DefTitle;Title)
Global(FakeBtns;CancelMsg)
Global(w;h;tbox;hbox;helpmsg)
Global (HotElement;SaveScrn)
select[0]=0

DefTitle="Coach" // Main "Coach" name
Title="Coach"
ScrnMode=?ScreenHigh-24

Use("wpchlibr.wpm") // Shared library file
Use("wpchlbtb.wpm")

If(Not Exists(Module))
    ScreenSetup()
    ColorScheme()
Endif

If(?BlockActive)
    Blockoff
Endif

OnCancel Call(CancelCoach)
Error(off!)
MsgAdj=DlgMessage()
CancelMsg=0

```

```
//*****  
//  
// MAIN PROGRAM: Coach  
//  
//*****  
//Label (menu)  
WindowMaximize  
Cancel(Off!)  
Success=0  
If(NOT Exists(Module))  
    Call(OverviewDlg)           // Overview Dialog  
    If(Result=-1)  
        Windowmaximize  
        QuitCoach()  
        Return  
    Endif  
Endif
```

```

*****
// Create a table?
*****
    Call(CreateTable)

    If(NOT Exists(Module))
        ExitTableEdit()

    Endif

    If (?InTable)
        Message (&tbox;1000)
        Result=MessageBox("Coach",&tbox;1)    //OK Button
    ELSE
        Message (&tbox;1005)    //No Table Created
        IF(MessageBox("Coach",&tbox;4)<>1)
            Break
        Endif
        Break
    Endif
    If (NOT Exists(Module))
        RestoreStates()
    Endif
    RETURN
*****
// END MAIN PROGRAM
*****

```

```
//*****  
//  
// SUBROUTINE: OverviewDlg  
//  
//*****  
Label(OverviewDlg)  
    Message(&tbox;1100) //Welcome Screen  
    Result=Welcome("Coach";&tbox)  
If (Result=2)  
    RETURN  
Endif  
Return
```

```

*****
//
// SUBROUTINE: CreateTable
//
*****
Label(CreateTable)

*****
// If already in a table, create new or edit this one?
*****
While(?InTable)
If (?InTable)
    Message(&tbox;1200) //Already a table
    DlgCreate(Result; "Coach";DlgNoCancel!+DlgNoOk!; ;;62;8)
    DlgControl (CtrlPushButton!;;"~Create New Table";;2;6)
    DlgControl (CtrlPushButton!;;" ~Edit this Table";;22;6)
    DlgControl (CtrlPushButton!;;" ~Quit...Esc ";StyCancel!;42;6)
    FORNEXT (x;1;tbox[0])
        DlgControl (CtrlLabel!;;tbox[x];;2;x+1;)
    Endfor
    Dlgend

    If (Result=2)
        Return

    Else If(Result=-1)
        QuitCoach()
    Endif
Endif

Message(&tbox;1205) // Place cursor at table position
FakeIt("Coach";&tbox;3;1;0)

keypress={-8154;} // F7 key
chkcode={-1;}
Key=DoEdit(1;&chkcode;&keypress) //Wait for user to F7
Endwhile

WindowMaximize
Call(ValidMenu)
Message(&hbox;1215) //hint

Repeat
    Message(&tbox;1210) //Choose Layout, Tables, Create
    DisplayRewrite
    Result=PostIt("Coach";&tbox;0;13;0;2;0)
    MenuActive=0
    Show=HotSpot(0;0;62;0;-537;&funkey;1)

```

```

Switch(Show)                                //Creating table
// *****
// User chooses Show Me
// *****
    CaseOf 1:
        Result=Postit("Coach",&tbox;0;13;0;3;0)
        ShowMenu("Coach",&sbox;52;2;3;5;1;0)

// *****
// User chooses Layout
// *****
    CaseOf 1531:                                // User chooses Layout

// *****
// User presses Alt-L
// *****
    CaseOf -537:                                // User pressed Alt-L
        Result=Postit("Coach",&tbox;0;13;0;3;0)
        PullDownDlg
        While(?Dialog=-1)
        Endwhile
        Type("l")

// *****
// User Presses Alt+F7
// Columns/Tables Dlg Box Dialog # 370
// *****
    CaseOf -8130:                                // User pressed Alt+F7

        DisplayRewrite
        DlgInput(on!)
        ColumnsTablesDlg
        TabKey Tabkey Tabkey
        Call(TblColCreate)

```

```

// *****
// User presses Alt+=
// *****
CaseOf -8085:                                     // User pressed Alt+=
    Message(&sbox;1220)
    Result=PostIt("Coach";&tbox;0;13;0;3;0)
    MenuActive=MenuBarControl("Coach"; &hbox1; &sbox; 52; 2; 108; &funkey)

// *****
// No Choice
// *****
DEFAULT:                                         // Default
    MenuActive=MenuBarControl("Coach"; &hbox1; &sbox; 52; 2; 108; &funkey)

EndSwitch

If(MenuActive <> -1)
    If (Show<>-8130)                             //User did not press Alt+F7
        Result=MenuControl (&hbox1; &hbox2; &hbox3; &valid; &allow; &exallow; &accel; &exaccel; &subval;
            &subacl; &exsubacl; &subs; &funkey)
        DisplayRewrite
        MenuActive=Result
        If(Result=1538 or Result=99) //user selected Create or C
            If(?Dialog<>-365)
                CancelMenus()
                CancelDialogs()
                DisplayRewrite
                TableCreateDlg
            Endif
        EndIf
    Endif
Endif
Until(MenuActive<>-1)

```

```

*****
// Table Create Dlg Box Dialog #365
*****

If(?Dialog<>365)                //if not at TableCreateDlg
    CancelMenus()
    TableCreateDlg
Endif

    Result=0 Savescrn=0
*****
Message(&tbox;1225)
Repeat
    Result=PostIt("Coach";&tbox;12;16;0;1;0)
    While(?Dialog = 365)
        Look(Key)
        If(key=-768)
            If(?MouseLastY=yposS1)
                If(?MouseLastX>=xposQ1 and ?MouseLastX<=xposQ2)
                    CancelMsg=0
                    CancelCoach()
                    key=0
                Endif
            Endif
        Endif
        If(key=-8160)
            CancelMsg=0
            CancelCoach()
            key=0
        Endif
        Type(ntoc(Key))
    EndWhile
    If(?LeftCode <> -12277)
        DisplayRewrite
        TableCreateDlg
    Endif
Until(?LeftCode = -12277)
If(?Dialog<>36)                //if not in table edit
    TableEditDlg
Endif
RETURN

*****

```



```

/*****
//
// SUBROUTINE: Define Valid Menu items for Tables
//
/*****
LABEL (ValidMenu)

hbox1={"► Choose [Bold On]Layout.";}
hbox2={"► Choose [Bold On]Tables.";}
hbox3={"► Choose [Bold On]Create.";}
LayoutMenu(&valid)
allow= { 1538;} // [Create]*
exallow= { 0;}
accel= { 116;} // T for Tables
exaccel={ 1;}
subval= { 1538; // Create *
        1539; // Edit*
        264; // Insert*
        265; // Delete*
        1540; // Join*
        1541; // Split*
        1542; // Calculate*
        1543; // Create Floating Cell*
        1544; // Edit Floating Cell*
}
subacl={ 99;} // c for (C)reate
exsubacl={0;}
subs={1537;} // Tables*

funkey={-8130;} // Alt+F7
sbox={"► Choose [Bold On]Create."; //Message
      " ";
}

HelpMsg={ "► Choose [Bold On]Tables,";
          "[Bold Off] then [Bold On]Create.";
          " ";
}

RETURN

```

```

*****
//
//      Routine for it they pressed Alt+F7 to Create
//
*****
Label (TblColCreate)
  x1={ 19;20;      //Tables, Create
    }
  x2={ 28;31;
    }
  y1={ 7;8;
    }
  y2={ 7; 8;
    }
  hotkey={          116;    //t tables
            -768;    //c create
          }
  hotpnt={0;1;}
  helpmsg={ "► Choose [Bold On]Tables,";
            "[Bold Off] then [Bold On]Create.";
            "      ";
          }

Result=0 SaveScrn=0

While(?Dialog = 370)      //Columns/Tables Dlg Box
  Message (&tbox;1230)
  If(Result="Hint")
    Message(&hbox;5010)
    Moreinfo=MessageBox("Hint",&hbox;1)
  Endif
  Switch(?DialogControl)

    CaseOf 0:              //OK
      info={ 0;           //Control ID
            370;         //Dialog ID
            0;           //don't allow arrows
            "Coach";    //Title
            33;         //xpos for Postit
            6;          //ypos for Postit
            0;          //Hint Button
            "Coach";    //Help Title
            1;          //Restore Screen
            0;          //Reserved
          }
      accel={ 50; 116;    //2 T for tables
          }
      acpnt={0;0;}
      Result=ButtonControl (&info; &x1; &x2; &y1; &y2; &hotkey; &hotpnt; &accel; &acpnt; &tbox;
        &helpmsg)

    CaseOf 58:             //Tables

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```

info={ 58;                //Control ID *
      370;                //Dialog ID
      0;                  //don't allow arrows
      "Coach";           //Title
      33;                 //xpos for Postit
      6;                  //ypos for Postit
      0;                  //Hint Button
      "Coach";           //help Title
      1;                  //Restore Screen
      0;                  //Reserved
    }
accel={ 50;116;          //2 or t for Table
    }
aclpnt={0;0;}
Result=ButtonControl (&info; &x1; &x2; &y1; &y2; &hotkey; &hotpnt; &accel; &aclpnt; &tbox;
&helpmsg)

CaseOf 59:                //Create
info={ 59;                //Control ID *
      370;                //Dialog ID
      0;                  //don't allow arrows
      "Coach";           //Title
      33;                 //xpos for Postit
      6;                  //ypos for Postit
      0;                  //Hint button
      "Coach";           //Help Title
      1;                  //Restore Screen
      0;                  //Reserved
    }
accel={ 49;99;           //1 c Create
    }
aclpnt={1;1;}
Result=ButtonControl (&info; &x1; &x2; &y1; &y2; &hotkey; &hotpnt; &accel; &aclpnt; &tbox;
&helpmsg)

DEFAULT:                  //Default
info={ ?DialogControl;   //Control ID
      370;                //Dialog ID
      0;                  //don't allow arrows
      "Coach";           //Title
      33;                 //xpos for Postit
      6;                  //ypos for Postit
      0;                  //Hint Button
      "Coach";           //Help Title
      1;                  //Restore Screen
      0;                  //Reserved
    }
accel={ 50;116;          // 2 t for Tables
    }
aclpnt={0;0;}
allow={ 0;58;59;}
Result=InvalidControl (&info; &x1; &x2; &y1; &y2; &hotkey; &hotpnt; &accel; &aclpnt; &tbox;

```

&helpmsg; &allow)

EndSwitch
EndWhile
RETURN

```

//*****
//
// PROCEDURE: Message
//
//*****

```

```
PROCEDURE Message(&tbox;Msg)
```

```
Switch(Msg)
```

```
CaseOf 1000:           //Step 1: Successfully created Table
    tbox={             "You have successfully created a table!";
                      " ";
                      }

```

```
CaseOf 1005:           //No Table Created
    tbox={             "Somehow no table was created in your document.";
                      "Would you like to try again?";
                      ""
                      }

```

```
CaseOf 1100:           //About Tables--Overview
```

```

tbox={ " ";
       "                [Bold On]Create a Table[Bold Off]                ";
       " ";
       "The Create a Table Coach will help you create or modify ";
       "a table. A table can be used to organize your data into ";
       "columns and rows.";
       " ";

```

```

"
" |-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
" | [Bold On]Operating Expenses[Bold Off] | | | | | | | | | | | | | | | | | | | | | |
" |-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
" | Expense | Third Quarter | Fourth Quarter | Difference | | | | | | | | | | | | | | | |
" |-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
" | Payroll | 289,800.00 | 330,485.00 | 40,685.00 | 14% | | | | | | | | | | | | | | | |
" |-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
" | Taxes   | 12,075.00 | 35,500.00 | 23,425.00 | 194% | | | | | | | | | | | | | | | |
" |-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
" | Rent    | 29,600.00 | 29,600.00 | 0.00 | 0% | | | | | | | | | | | | | | | |
" |-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
" |-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
"
" ";
}

```

```

CaseOf 1200:           //Already a table
    tbox={             "Your cursor is already in a table. You must place";
                      "the cursor outside this table in order to create a new";
                      "table. Would you like to...";
                      " ";
                      }

```

```

    }

CaseOf 1205:           //Place cursor where table should go

tbox={ "► Place the cursor where you want your table to appear.";
      " ";
    }

CaseOf 1210:          //Choose Layout, Table, Create

tbox={
    "To begin creating your table,";
    " ";
    "► Choose [Bold On]Layout[Bold Off], ";
    " then [Bold On]Tables[Bold Off],";
    " then [Bold On]Create[Bold Off].";
    " or ";
    "► Press [Bold On]Alt+F7[Bold Off].";
    "";
    }

CaseOf 1215:
    hbox={ "► Choose [Bold On]Tables,";
          "[Bold Off] then [Bold On]Create.";
          " ";
    }

CaseOf 1220:
    sbox={ "► Choose [Bold On]Tables,";
          "[Bold Off] then [Bold On]Create.";
          " ";
    }

CaseOf 1225:
    tbox={ "► Enter the number of columns and rows you want.";
          "► Choose [Bold On]OK[Bold Off].";
          " ";
          "Press [Bold On]Tab[Bold Off] to move around.";
          " ";
    }

CaseOf 1230:
    tbox={ "► Choose [Bold On]Tables,";
          "[Bold Off] then [Bold On]Create.";
          " ";
    }

```

CaseOf 5000: //hint for Table Create Dlg

```
tbox= {
  "Tables can be used to create and edit organized rows and";
  "columns of data. The area where a column and row intersect";
  "is called a cell.";
  " ";
  "Enter the number of columns and rows you would like your";
  "table to contain. A table can have up to 64 columns and";
  "32,766 rows.";
  " ";
  "The area where a column and row intersect is called a cell.";
  " ";
  "      Column A      Column B      Column C";
  "      |-----|-----|-----|";
  " Row 1 | Cell A1 | | |";
  "      |-----|-----|-----|";
  " Row 2 | | Cell B2 | |";
  "      |-----|-----|-----|";
  " Row 3 | | | Cell C3 |";
  "      |-----|-----|-----|";
  " ";
}
```

CaseOf 5010: //hint for Columns/Tables Dlg Box

```
hbox={ "No hint available. What type of information";
      "would be helpful here?";
      " ";
}
```

DEFAULT: //If none were found

```
tbox={ "Message not found! ";
      " ";
}
```

```
hbox={ "No hint available. What type of information";
      "would be helpful here?";
      " ";
}
```

EndSwitch
ENDPROC