```pascal
  1: unit RVData;
  2:
  3: {$mode objfpc}{$H+}
  4:
  5: //==============================================================================
  6: //
  7: // Unit : RV.pas
  8: //
  9: // Description :
 10: //
 11: // Called By : AppSettings : frmSettings.GetLogbooksDirectory
 12: //             Main : TfrmMain.mnuLogbooksNewClick
 13: //
 14: // Calls :
 15: //
 16: // Ver. : 1.0.0
 17: //
 18: // Date : 24 Apr 2019
 19: //
 20: //==============================================================================
 21:
 22: interface
 23:
 24: uses
 25:   Classes, SysUtils, sqlite3conn, sqldb, db, FileUtil, Forms, Controls,
 26:   Graphics, Dialogs, ComCtrls, Buttons, StdCtrls, ExtCtrls,
 27:   //
 28:   AppSettings;
 29:
 30: type
 31:
 32:   { TfrmRVData }
 33:
 34:   TfrmRVData = class(TForm)
 35:     DataSource1: TDataSource;
 36:     Panel1: TPanel;
 37:     SQLite3Connection1: TSQLite3Connection;
 38:     SQLQuery1: TSQLQuery;
 39:     SQLTransaction1: TSQLTransaction;
 40:     StatusBar1: TStatusBar;
 41:     procedure FormShow(Sender: TObject);
 42:     function CreateRVDataDB: boolean;
 43:
 44:   private
 45:
 46:   public
 47:
 48:   end;
 49:
 50: var
 51:   frmRVData: TfrmRVData;
 52:
 53: implementation
 54:
 55: {$R *.lfm}
 56:
 57: //==============================================================================
 58: //          PRIVATE CONSTANTS
 59: //==============================================================================
 60:
```

```
 61: //===========================================================================
 62: //              PUBLIC CONSTANTS
 63: //===========================================================================
 64:
 65: //===========================================================================
 66: //              PRIVATE VARIABLES
 67: //===========================================================================
 68:
 69: //===========================================================================
 70: //              PUBLIC VARIABLES
 71: //===========================================================================
 72:
 73: //===========================================================================
 74: //              PRIVATE ROUTINES
 75: //===========================================================================
 76:
 77: //===========================================================================
 78: //              PUBLIC ROUTINES
 79: //===========================================================================
 80: function TfrmRVData.CreateRVDataDB: boolean;
 81: begin
 82:
 83:   showmessage('Creating New Logbook');
 84:
 85:   // First create the Logbook folder
 86:
 87: end;// function TfrmRVData.CreateRVDataDB
 88:
 89: //===========================================================================
 90: //              PROPERTY ROUTINES
 91: //===========================================================================
 92: {function TfrmRVData.GetRVDataDir: string;
 93: begin
 94:     Result := fRVDataDir;
 95: end;// function TfrmRVData.GetApplicationDirectory
 96:
 97: //---------------------------------------------------------------------------
 98: procedure TfrmRVData.SetRVDataDir(Dir: string);
 99: begin
100:     fRVDataDir := Dir;
101: end;// procedure TfrmRVData.SetRVDataDir  }
102:
103: //===========================================================================
104: //              MENU ROUTINES
105: //===========================================================================
106:
107: //===========================================================================
108: //              COMMAND BUTTON ROUTINES
109: //===========================================================================
110:
111: //===========================================================================
112: //              CONTROL ROUTINES
113: //===========================================================================
114:
115: //===========================================================================
116: //              FILE ROUTINES
117: //===========================================================================
118:
119: //===========================================================================
120: //              FORM ROUTINES
```

```
121: //==============================================================================
122: procedure TfrmRVData.FormShow(Sender: TObject);
123: begin
124:
125:   { SQLite3Connection1.DatabaseName := 'A.db';
126:     SQLite3Connection1.Transaction := SQLTransaction1;
127:
128:     SQLTransaction1.DataBase := SQLite3Connection1;
129:
130:     SQLQuery1.DataBase := SQLite3Connection1;
131:     SQLQuery1.Transaction := SQLTransaction1;
132:     SQLQuery1.SQL.Text := 'SELECT * FROM Student';
133:
134:     DataSOurce1.DataSet := SQLQuery1;
135:     DBGrid1.DataSource := DataSource1;
136:
137:     SQLite3Connection1.Open;
138:
139:     if SQLite3Connection1.Connected then
140:       Label1.Caption := 'Connected - Great'
141:     else
142:       Label1.Caption := 'OOOPS';
143:
144:     SQLQuery1.Open;    }
145:
146: end;// procedure TfrmRVData.FormShow
147:
148: //==============================================================================
149: end.// unit RVData
150:
```