

```
//=====
// Question 3.1.1 4 marks
//=====
procedure TQuestion_3.btnQuestion3_1_1Click(Sender: TObject);
var
    sSQL1: String;
begin
    sSQL1 := 'select DateCreated, ProfileName from Profile order by DateCreated DESC';

    // Provided code - do not change
    dbCONN.runSQL(sSQL1);
    // Provided code - do not change
end;
//=====
// Question 3.1.2 9 marks
//=====
procedure TQuestion_3.btnQuestion3_1_2Click(Sender: TObject);
// Provided code - do not change/
var
    sline : string;
    sSQL2: String;
// Provided code - do not change/
begin
    // Provided code - do not change//////////
    sline := inputbox('Enter Name of Profile','DonDoe');
    // Provided code - do not change//////////

    sSQL2 := 'Select DatePublished, format((Likes - Dislikes + Comments)/Views,
"Currency",2) AS [Earnings] ' +
            'from Video, Profile where Video.ProfileID = Profile.ProfileID and ProfileName
= ' + QUOTEDSTR(SLINE);

    // Provided code - do not change
    dbCONN.runSQL(sSQL2);
    // Provided code - do not change
end;
//=====
// Question 3.1.3 4 marks
//=====
procedure TQuestion_3.btnQuestion3_1_3Click(Sender: TObject);
// Provided code - do not change
var
    sSQL3: String;
// Provided code - do not change
begin
    sSQL3 := 'Select VideoTitle from Video where Views >= 1000 and Dislikes <= 10';

    // Provided code - do not change
    dbCONN.runSQL(sSQL3);
    // Provided code - do not change

end;
```

```
//=====
// Question 3.1.4 4 marks
//=====
procedure TQuestion_3.btnQuestion3_1_4Click(Sender: TObject);
// Provided code - do not change
var
    sSQL4: String;
// Provided code - do not change
begin
    sSQL4 := 'Delete from Video where YEAR(DatePublished) = 2008';

    // Provided code - do not change
    dbCONN.executeSQL(sSQL4,dbgProfiles,dbgVideos,dbgResults);
    // Provided code - do not change
end;

//=====
// Question 3.1.5 3 marks
//=====
procedure TQuestion_3.btnQuestion3_1_5Click(Sender: TObject);
// Provided code - do not change
var
    sSQL5: String;
// Provided code - do not change
begin
    sSQL5 := 'Update Profile set ProfileName = "Tim Horton" where ProfileName =
"TimmyTom";

    // Provided code - do not change
    dbCONN.executeSQL(sSQL5, dbgProfiles,dbgVideos, dbgResults);
    // Provided code - do not change
end;

//=====
// Question 3.2.1 6 marks
//=====
procedure TQuestion_3.btnQuestion3_2_1Click(Sender: TObject);

begin
    /// enter your code below//
    reddisplay.Clear;
    tblvideos.First;
    while not tblvideos.eof do
    begin
        if pos('THE ',uppercase(tblvideos['Videotitle'])) <> 0 then
            reddisplay.Lines.Add(tblvideos['VideoTitle']);
        tblvideos.Next;
    end;end;

//=====
// Question 3.2.2 6 marks
//=====
```