Visual Programming

Started on	Saturday, 14 January 2023, 1:00 PM
State	Finished
Completed on	Saturday, 14 January 2023, 1:08 PM
Time taken	8 mins 36 secs
Grade	**10.00** out of 10.00 (**100%**)

FINISH REVIEW

Question 1

Correct

Mark 2.00 out of 2.00

⚑ Flag question

Suppose you have a database "MyDatabase" with a table called "Employee" which has the following fields: (**ID, Name, Gender, Rank and Salary**). Example record: (*X-001, Martin Smith, Male, Assistant Director, 2201*).

In the code of a the button below named "buttonConnect", what is the name of the method used to open the connection

private void buttonConnect_Click(object sender, EventArgs e)

public partial class Form1 : Form

```
    {
        //create a connection object for all operations on database
        SQLiteConnection m_dbConnection;
        public Form1()
        {
            InitializeComponent();
        }
        private void buttonConnect(object sender, EventArgs e)
        {
        m_dbConnection = new SQLiteConnection("Data Source=MyDatabase.sqlite;Version=3;");
        m_dbConnection. _____ ; ///////////////// fill the name of the method.
        MessageBox.Show("The connection to the database was established successfully", "Database Operation Result");
        }
```

- ○ a. Clone()
- ○ b. Commit()
- ● c. Open() ✔
- ○ d. Connect()

The correct answer is:
Open()

Question 2

Correct

Mark 2.00 out of 2.00

⚑ Flag question

Which one of the following methods used to execute a SQLiteCommand cmd against database in order to return a result set of some records

Select one:
- ○ a. ExecuteNonQuery()
- ● b. ExecuteReader() ✔
- ○ c. ExecuteQuery()
- ○ d. ExecuteCommand()

The correct answer is:
ExecuteReader()

Question 3

Correct

Mark 2.00 out of 2.00

⚑ Flag question

The SQL statement used to retrieve data from database is:

Select one:
- ○ a. Retrieve
- ○ b. GetData
- ● c. Select ✔
- ○ d. Recover

The correct answer is:
Select

Question 4

Correct

Mark 2.00 out of 2.00

⚑ Flag question

What's the name of the C# control (as shown in the image below) used to display data in rows and columns,

	Quantity	Description	Price Each	Total Price
▶	5	Eraser	4.32	
	3	10 Pens	5.3	
	2	Scissors	3.68	

Select one:
- ○ a. DataTableList
- ○ b. DataRecords
- ○ c. DataSetView
- ● d. DataGridView ✔

The correct answer is:
DataGridView

Question 5

Correct

Mark 2.00 out of 2.00

⚑ Flag question

The type of error that can be handled when you are dealing with SQLite database is:

Select one:

- ○ a. SQLiteDB
- ○ b. SQLiteCommand
- ○ c. SQLiteError
- ◉ d. SQLiteException ✔

The correct answer is:
SQLiteException

FINISH REVIEW