Function AddARecord

// No need to declare a result string upfront. We'll use Feedback.

// Start by setting up a connection to the database.

Declare Conn as a new Database Connection

// Now, let's tell our program how to connect to the database.

Set Conn's ConnectionString to the database details (server, database name, user id, password)

// Prepare the SQL command for inserting a new record. It's like writing a message to the database.

Declare strSQL as String

Set strSQL to "INSERT INTO Persons (FirstName, MiddleName, LastName, Street1, Street2, City, State, Zip, Phone, Email, InstagramURL) VALUES (@FirstName, @MiddleName, @LastName, @Street1, @Street2, @City, @State, @Zip, @Phone, @Email, @InstagramURL)"

// Setting up the command to send this message to the database.

Declare comm as a new SQL Command

Set comm's CommandText to strSQL

Link comm to Conn (the database connection)

// Adding the details to our message. Each parameter gets its value from the corresponding property.

Add values to comm's parameters (@FirstName, @MiddleName, @LastName, etc.) using the properties (FirstName, MiddleName, LastName, etc.)

// Now let's try to send this message to the database.

Try

Open Conn (establish the connection)

Declare intRecs as Integer

Execute the command (comm) and store the number of records affected in intRecs

Set Feedback to "SUCCESS: Inserted " + intRecs + " records."

Close Conn (always close your connections)

Catch any error

Set Feedback to "ERROR: " + the error message

// Return the outcome of our operation (Feedback).

Return Feedback

End Function