Dated: 27-02-2026

Registration No:_____

Full Name: M. Abdullah. Iftikhar
Haider   Ali

Problem 1) Refer to Lab 4, Problem 3. You are required to implement web form for New Customer Registration for Pine Valley Furniture Company. Who will be the user of this web form?
(Develop in Visual Studio. Write the code for registration handler below.)

```
Dim query As String = "INSERT INTO customer_t" &
    "(CustomerName, Address, City, State, PostalCode,
    Password, Email)"
    "VALUES (@Name, @Address, @City,
    @State, @Postal, @Password, @Email

Dim cmd As New SqlCommand (query, con)
cmd.Parameters.AddWithValue ("@Name", txtName.Text)
    "       "     "       "    ("@Address", txtAddress.Text)
    "       "     "       "    ("@City", txtCity.Text)
                               ("@State", txtState.Text)
    "       "     "       "    ("@Postal", txtPostal.Text)
    "       "     "       "    ("@Password", txtPassword.Text)
    "       "     "       "   = ("@Email", txtEmail.Text)
con.Open()
cmd.ExecuteNonQuery()
con.Close()
Response.Write ("<script>alert ('success')</script>
```

Problem 2) Refer to Lab 4, Problem 3. You are required to implement web form for updating customer data by customers. (Develop in Visual Studio.)

Ans)   (Developed) ✓

Not Developed

Problem 3) Refer to Lab 4, Problem 3. You are required to implement web form for Product Catalog Update. → Nav Product Insert ✗ only update (Develop in Visual Studio. Write the code for update handler below.)

```
Dim query As String = " UPDATE product_t SET " &
    " product_description = @Description " &
    " product_finish = @Finish, " &
    " standard_price = @Price " &
    " WHERE product_id = @product ID "
Dim cmd As New sql command (query, con)
cmd. Parameters. Add with value " @Description, txt_
                                 Description.Text
    "       "       "       ( "@Finish", txtFinish.Text)

    "       "       "       ( "@Price", txt Price.Text)

    "       "       "       ( " @ProductID, txtP,
                                  duct ID.Text)
con.Open()
cmd. Execute Non Query()
con. Close()
Response. Write ( " <script> alert ('success')
```

Problem 4) Refer to Lab 4, Problem 3. You are required to implement web form for Products Selection and Order Placement. (Develop in Visual Studio.)

(Write algorithm for it below.)

```
┌─────────────────────────────┐
│ Product Selection · aspx    │
└─────────────────────────────┘
              ↓
┌──────────────────────────────────────────┐
│ User selects product + quantity          │
└──────────────────────────────────────────┘
              ↓
┌─────────────────────────────┐
│ Calculate total             │
└─────────────────────────────┘
              ↓
┌─────────────────────────────┐
│ Store in Session            │
└─────────────────────────────┘
              ↓
┌─────────────────────────────┐
│ Redirect                    │
└─────────────────────────────┘
              ↓
┌─────────────────────────────┐
│ OrderPlacement · aspx       │
└─────────────────────────────┘
              ↓
┌─────────────────────────────┐
│ Confirm Order               │
└─────────────────────────────┘
              ↓
┌─────────────────────────────┐
│ Insert into Database        │
└─────────────────────────────┘
              ↓
┌─────────────────────────────┐
│ Success Message             │
└─────────────────────────────┘
```

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