| East West University | Student ID and Name |
|---|---|
| **CSE302(2): Database Systems**<br>**LAB EXAM**<br>**Full Marks: 75, Duration: 75 Minutes** | |

Instructions:

- ➢ Download the script from Google Classroom.
- ➢ Upload and Execute the script. The OrderEntry database consisting of the following relations will be created.
    - i. **Client** (<u>ClientNo</u>, ClientFirstName, ClientLastName, ClientStreet, ClientCity, ClientState, ClientZip, ClientBal)
    - ii. **Employee** (<u>EmpNo</u>, EmpFirstName, EmpLastName, EmpPhone, EmpEMail, SupEmpNo, EmpCommRate)
    - iii. **Product** (<u>ProdNo</u>, ProdName, ProdMfg, ProdQOH, ProdPrice, ProdNextShipDate)
    - iv. **OrderTbl** (<u>OrdNo</u>, OrdDate, ClientNo, EmpNo, OrdName, OrdStreet, OrdCity, OrdState, OrdZip)
    - v. **OrdLine** (<u>OrdNo, ProdNo</u>, Qty)

Questions:

**1. 'Form' Creation (10 points)**

- Create a form page for the Employee and Product Table.

**2. 'Report' Creation (10 points)**

- Create a report page for the Employee and Product Table.

**3. 'Interactive Grid' Creation (10 points)**

- Create an interactive grid page for the Order (OrderTbl) Table.

**4. 'Master-Detail' Page Creation (5 points)**

- Create a Master-Detail Page showing the relationship between OrderTbl (Master Table) - OrdLine (Detail Table) Tables.

**5. 'Image Upload' Page Creation (10 points)**

- Do necessary things for uploading an image of each client.

**6. Report Page Creation based on a Query (20 points)**

- Create a report page that shows the order no, order date, client first name, client last name, product number (ProdNo), product name (ProdName), product price (ProdPrice), and product quantity (qty).
- Create another report page that shows the total amount payable for each order. The total amount payable for each order can be calculated based on the product's unit price (ProdPrice) and ordered quantity (Qty).

**7. Chart Creation (10 points)**

- Create a bar chart that shows the total number of orders and the total number of ordered quantities for each product.