Bahria University,

Karachi Campus



LAB EXPERIMENT NO.

\_\_\_09\_\_\_

LIST OF TASKS

|  |  |
| --- | --- |
| TASK NO | OBJECTIVE |
| **01** | Add a view called Managers in the Northwind database that shows only employees that supervise other employees. |
| **02** | Create Northwind view called “Products by Category” based on the columns CategoryName and ProductName. |
| **03** | Create a view that shows a table that list all the publishers and store names using pubs. |
| **04** | Create a view the amount total amount spend by customers. |
| 05 | Create a view for customers shippers information. |

Submitted On:

31-05-2023

(Date: DD/MM/YY)

**Task 01:** Add a view called Managers in the Northwind database that shows only employees that supervise other employees.

**Solution:**

create view Manager

as

select \* from Employees where Title = 'Sales Manager' or Title = 'Vice President, Sales'

select \* from Manager

**Output:**

A screenshot of a computer

Description automatically generated

**Task 02:** Create Northwind view called “Products by Category” based on the columns CategoryName and ProductName.

**Solution:**

create view [Product by Category]

as select ProductName,CategoryName from Products,Categories

select ProductName,CategoryName from Products,Categories

**Output:**

A screenshot of a computer

Description automatically generated with medium confidence

**Task 03:** Create a view that shows a table that list all the publishers and store names using pubs.

**Solution:**

create view [List of Publishers and Stores] as

select [Pub\_Name],[stor\_name] from Publishers,Stores

select \* from [List of Publishers and Stores]

**A screenshot of a computer

Description automatically generated with medium confidenceOutput:**

**Task 04:** Create a view the amount total amount spend by customers.

**Solution:**

create view TotalAmountSpend

as

select sum((UnitPrice \* Quantity)) as TotalAmount from [Order Details] where OrderID in (select OrderID from Orders where CustomerID in (select CustomerID from Customers))

**Output:**

A screenshot of a computer

Description automatically generated

**Task 05:** Create a view for customers shippers information.

**Solution:**

create view [Customer Shippers]

as

select \* from Shippers

**Output:**

A screenshot of a phone number

Description automatically generated with low confidence