Bahria University

Karachi Campus



LAB EXPERIMENT NO.

09

LIST OF TASKS

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

Submitted On:

**24-05-2023**

(Date: DD/MM/YY)

**Task # 01:**

**soluton:**

create view Managers as select a.Firstname+' '+a.Lastname as Employee ,b.Firstname+' '+b.Lastname as Manager from employees a,employees b where a.reportsto=b.employeeidselect \* from Managers

**Output:**

Graphical user interface, text, application, table

Description automatically generated

**Task # 02:**

**soluton:**

create view [Products by Category] as select CategoryName,ProductName from Categories,Products select \* from [Products by Category]

**Output:**

Graphical user interface, text, application

Description automatically generated

**Task # 03:**

**soluton:**

create view [List of Publishers and Stores] as select pub\_name,stor\_name from Publishers,Stores

select \* from [List of Publishers and Stores]

**Output:**

Graphical user interface, text, application

Description automatically generated

**Task # 04:**

**soluton:**

create view [List of Stores and Authors] as select stor\_name ,au\_fname+' '+au\_lname as Author from Stores,Authors

select \* from [List of Stores and Authors]

**Output:**

Table

Description automatically generated

**Task # 05:**

**soluton:**

create view CustomersTotalAmountSpend as select Customer,AmountSpend from (select ContactName as Customer,orderid from Customers inner join orders on customers.customerid=orders.customerid)table1 inner join (select orderid,sum(quantity\*unitprice) as AmountSpend from orderdetails group by orderid)Table2 on table2.orderid=table1.orderid

**Output:**

Table

Description automatically generated

**Task # 06:**

**soluton:**

create view CustomerShipperInfo as select contactname as customer ,shipperid,shipname,shippers.companyname,shippers.phone from customers left join orders on customers.customerid=orders.customerid left join shippers on orders.shipvia=shippers.shipperid  
select \* from CustomerShipperInfo

**Output:**

Table

Description automatically generated