

Bahria University,

Karachi Campus



Course: CSL-220 – Database Management Systems Lab
Term: Spring 2022, Class: BSE- 3(B)

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Signed

Remarks:

Score: _____

LAB OBJECTIVE

SNO	DATE	LAB	LAB OBJECTIVE	SIGN
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Bahria University,

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LAB EXPERIMENT NO.

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LIST OF TASKS

TASK NO	OBJECTIVE
1	Get Order id, Product id, Unit price from Order Details.
2	Find Title of employee Nancy.
3	Display data of all employees those working as Sales Representative from London
4	Display product name whose unit price are greater than 90\$
5	Write a query to get current Product list (Product ID and name).
6	Fetch data of customers where country is "Germany" AND city must be "Berlin" OR "München"
7	Fetch data of customers from all countries except Germany and USA
8	Fetch Discontinued products who's price is greater than 20

Submitted On:

 7/3/2021
 (Date: DD/MM/YY)

Task# 01:- Get Order id, Product id, Unit price from Order Details.**Query:-**

```
select orderid,productid,unitprice from [order details]
```

Output:-

	orderid	productid	unitprice
1	10248	11	14.00
2	10248	42	9.80
3	10248	72	34.80
4	10249	14	18.60
5	10249	51	42.40
6	10250	41	7.70
7	10250	51	42.40
8	10250	65	16.80
9	10251	22	16.80
10	10251	57	15.60
11	10251	65	16.80

Query executed successfully. | DESKTOP-KOFOL3B (15.0 RTM) | DESKTOP-KOFOL3B\DELL (57) | NORTHWND | 00:00:00 | 2,155 rows

Task # 02: Find Title of employee Nancy.**Query:-**

```
select title,firstName from employees where FirstName='Nancy'
```

Output:-

	title	firstName
1	Sales Representative	Nancy

Task#03:- Display data of all employees those working as Sales Representative from London**Query:-**

```
select * from employees where title='Sales Representative' and city='London'
```

Output:-

	EmployeeID	LastName	FirstName	Title	TitleOfCourtesy	BirthDate	HireDate	Address	City	Region	PostalCode
1	6	Suyama	Michael	Sales Representative	Mr.	1963-07-02 00:00:00.000	1993-10-17 00:00:00.000	Coventry House Miner Rd.	London	NULL	EC2 7JR
2	7	King	Robert	Sales Representative	Mr.	1960-05-29 00:00:00.000	1994-01-02 00:00:00.000	Edgeham Hollow Winchester Way	London	NULL	RG1 9SP
3	9	Dodsworth	Anne	Sales Representative	Ms.	1966-01-27 00:00:00.000	1994-11-15 00:00:00.000	7 Houndstooth Rd.	London	NULL	WG2 7LT

Task# 04:- Display product name whose unit price are greater than 90\$**Query:-**

```
select productname,UnitPrice from products where unitprice > 90
```

Output:-

	productname	UnitPrice
1	Mishi Kobe Niku	97.00
2	Thüringer Rostbratwurst	123.79
3	Côte de Blaye	263.50

Task# 05:- Write a query to get current Product list (Product ID and name).**Query:-**

```
select productid,productname from products
```

Output:-

	productid	productname
1	17	Alice Mutton
2	3	Aniseed Syrup
3	40	Boston Crab Meat
4	60	Camembert Pierot
5	18	Camaron Tigers
6	1	Chai
7	2	Chang
8	39	Chartreuse verte
9	4	Chef Anton's Cajun Seasoning
10	5	Chef Anton's Gumbo Mix
11	48	Chocolate

Query executed successfully. DESKTOP-KOFOL3B (15.0 RTM) DESKTOP-KOFOL3B\DELL (57) NORTHWND 00:00:00 77 rows

Task# 06:- Fetch data of customers where country is Germany AND city must be Berlin OR München**Query:-**

select * from customers where country='Germany' and (city='Berlin' or city='München')

Output:-

	CustomerID	CompanyName	ContactName	ContactTitle	Address	City	Region	PostalCode	Country	Phone	Fax
1	ALFKI	Alfreds Futterkiste	Maria Anders	Sales Representative	Obere Str. 57	Berlin	NULL	12209	Germany	030-0074321	030-0076545
2	FRANK	Frankenversand	Peter Franken	Marketing Manager	Berliner Platz 43	München	NULL	80805	Germany	089-0877310	089-0877451

Task# 07:- Fetch data of customers from all countries except Germany and USA**Query:-**

select * from customers where country='Germany' and (city='Berlin' or city='München')

Output:-

	CustomerID	CompanyName	ContactName	ContactTitle	Address	City	Region	PostalCode	Country	Phone	Fax
1	ALFKI	Alfreds Futterkiste	Maria Anders	Sales Representative	Obere Str. 57	Berlin	NULL	12209	Germany	030-0074321	030-0076545
2	FRANK	Frankenversand	Peter Franken	Marketing Manager	Berliner Platz 43	München	NULL	80805	Germany	089-0877310	089-0877451

Task# 08:- Fetch Discontinued products who's price is greater than 20**Query:-**

select * from products where Discontinued='True' and UnitPrice > 20

Output:-

	ProductID	ProductName	SupplierID	CategoryID	QuantityPerUnit	UnitPrice	UnitsInStock	UnitsOnOrder	ReorderLevel	Discontinued
1	5	Chef Anton's Gumbo Mix	2	2	36 boxes	21.35	0	0	0	1
2	9	Mishi Kobe Niku	4	6	18 - 500 g pkgs.	97.00	29	0	0	1
3	17	Alice Mutton	7	6	20 - 1 kg tins	39.00	0	0	0	1
4	28	Rössle Sauerkraut	12	7	25 - 825 g cans	45.60	26	0	0	1
5	29	Thüringer Rostbratwurst	12	6	50 bags x 30 sausgs.	123.79	0	0	0	1
6	53	Perth Pasties	24	6	48 pieces	32.80	0	0	0	1