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:

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SNO	SNO DATE LAB NO		LAB OBJECTIVE	SIGN
		NO		
1	8/3/2021	1	Introduction To SQL	
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# LAB EXPERIMENT NO.

\_\_\_\_1\_\_\_\_1\_\_\_\_\_1

## LIST OF TASKS

TASK NO	OBJECTI VE
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)

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

## Query:-

select orderid, productid, unitprice from [order details]

## Output:-

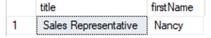


#### Task # 02: Find Title of employee Nancy.

#### **Ouerv:-**

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

#### **Output:-**



# 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

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## **Output:-**



## 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	Contact Title	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	Contact litle	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	<b>UnitPrice</b>	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

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