

DATABASE MANAGEMENT SYSTEMS LAB ASSIGNMENT-4

NAME: MANOJ SAHIT REDDY

ROLL NUMBER-19BCS110

QUESTION-1:

QUERY:

```
SELECT first_name, last_name, phone FROM T3_CustomerDetails WHERE  
customer_id IN (SELECT customer_id FROM T3_BookingDetails WHERE  
payment_Amount > 30000); SELECT customer_id, first_name, last_name FROM  
T3_CustomerDetails WHERE customer_id NOT IN (SELECT customer_id FROM  
T3_BookingDetails WHERE booking_id IN (SELECT booking_id from  
T3_PackageDetails WHERE package_name='KULU MANALI')); SELECT customer_id  
FROM T3_CustomerDetails WHERE customer_id IN (SELECT customer_id FROM  
T3_BookingDetails WHERE booking_id IN (SELECT booking_id FROM  
T3_DestinationDetails WHERE hotel_name = 'Raj Palace')); SELECT package_name,  
cost FROM T3_PackageDetails WHERE booking_id IN (SELECT booking_id FROM  
T3_Bus WHERE bus_type = '2 Seater'); SELECT package_name FROM  
T3_PackageDetails WHERE EXISTS (SELECT * FROM T3_Bus WHERE  
T3_PackageDetails.booking_id = T3_Bus.booking_id);
```

OUTPUT

Results			Messages		
	first_name	last_name	phone		
1	Jai	Krishna	919999999912		
2	Prabha	lingaraju	919999999913		
3	Somesh	Thakur	919999999914		
4	Deepak	Chowdary	919999999915		
5	Karthik	Sajjan	919999999189		
	customer_id	first_name	last_name		
1	0000000011	Jai	Krishna		
2	0000000012	Prabha	lingaraju		
3	0000000013	Somesh	Thakur		
4	0000000014	Deepak	Chowdary		
5	0000000015	Karthik	Sajjan		
	customer_id				
1	0000000001				
2	0000000002				
3	0000000003				
4	0000000004				
5	0000000005				
6	0000000006				
	package_name	cost			
1	Manasarovar	50000.00			
2	Manasarovar	50000.00			
3	Manasarovar	50000.00			
4	Manasarovar	50000.00			
5	Manasarovar	50000.00			
6	Manasarovar	50000.00			
	package_name				
1	Kulu Manali				
2	Kulu Manali				
3	Kulu Manali				
4	Kulu Manali				

QUESTION-2:

QUERY:

```
SELECT CONCAT(first_name, ' ', last_name) AS full_name FROM  
T3_CustomerDetails; SELECT customer_id, phone AS contact_details FROM  
T3_CustomerDetails; SELECT TOP 1 CONCAT(package_name, ' ',  
package_description) AS package FROM T3_PackageDetails WHERE package_name =  
'MANASAROVAR';
```

OUTPUT:

Results

Messages

	full_name
1	Kiran Kumar
2	Charan Rao
3	Farhan Abdul
4	Kissan Chary
5	Laban Seth
6	Cheman Kumar
7	Eeshwar Prasad
8	Raghavendra Swamy

	customer_id	contact_details
1	0000000021	7993672936
2	0000000018	919999999122
3	0000000019	919999999187
4	0000000015	919999999189
5	0000000011	919999999912
6	0000000012	919999999913
7	0000000013	919999999914
8	0000000014	919999999915

	package
1	Manasarovar, Have a nice glimpse of Nature!

QUESTION-3:

QUERY:

```
SELECT customer_id, first_name, last_name FROM T3_CustomerDetails WHERE age  
= 21; SELECT TOP 1 package_name FROM T3_PackageDetails WHERE cost = 25000;  
SELECT customer_id FROM T3_CustomerDetails WHERE gender <> 'M'; SELECT  
TOP 1 bus_id, bus_type FROM T3_Bus WHERE bus_id <> 8714; SELECT  
employee_id, name FROM T3_EmployeeDetails WHERE salary > 10000; SELECT  
customer_id, CONCAT(first_name, last_name) AS full_name FROM  
T3_CustomerDetails WHERE age > 40; SELECT employee_id, name FROM  
T3_EmployeeDetails WHERE salary < 8000; SELECT customer_id,  
CONCAT(first_name, last_name) AS full_name FROM T3_CustomerDetails WHERE
```

age < 30; SELECT employee_id, name FROM T3_EmployeeDetails WHERE salary >= 10000; SELECT customer_id, CONCAT(first_name, last_name) AS full_name FROM T3_CustomerDetails WHERE age >= 40; SELECT employee_id, name FROM T3_EmployeeDetails WHERE salary <= 5000; SELECT customer_id, CONCAT(first_name, last_name) AS full_name FROM T3_CustomerDetails WHERE age <= 20;

OUTPUT:

100 %

Results Messages

	customer_id	first_name	last_name
1	0000000004	Kissan	Chary

	package_name
1	Kulu Manali

	customer_id
1	0000000016
2	0000000018
3	0000000019
4	0000000020

	bus_id	bus_type
1	6938	2 Seater

	employee_id	name
1	01001	P. RAJESH
2	01002	A. RAMESH
3	02003	B. SURESH
4	02004	N. NARESH

	customer_id	full_name
1	0000000007	EeshwarPrasad
2	0000000008	RaghavendraSwamy
3	0000000009	ShivajiChatrapati
4	0000000012	Prabhalingaraju
5	0000000016	SuvannaRam
6	0000000017	SunderRam

Results Messages

6	0000000017	SunderRam	
	employee_id	name	
1	01007	O. JAYESH	
2	02008	P. PARAMESH	
	customer_id	full_name	
1	0000000002	CharanRao	
2	0000000004	KissanChary	
3	0000000005	LabanSeth	
4	0000000010	ChakramK...	
5	0000000011	JaiKrishna	
6	0000000014	DeepakCh...	
7	0000000015	KarthikSaji...	
8	0000000018	Manaswini...	
	employee_id	name	
1	01001	P. RAJESH	
2	01002	A. RAMESH	
3	02003	B. SURESH	
4	02004	N. NARESH	
	customer_id	full_name	
1	0000000007	EeshwarPrasad	
2	0000000008	RaghavendraSwamy	
3	0000000009	ShivajiChatrapati	
4	0000000012	Prabhalingaraju	

5	0000000016	SuvarnaRam
6	0000000017	SunderRam

	employee_id	name
1	01007	O. JAYESH
2	02008	P. PARAMESH

	customer_id	full_name
1	0000000005	LabanSeth
2	0000000010	ChakramKumar
3	0000000014	DeepakChow...
4	0000000015	KarthikSajan
5	0000000018	ManaswiniKs...
6	0000000019	ShreyaKuppa
7	0000000020	SrinidhiKuppa
8	0000000021	KrishnaPaanc...

QUESTION-4:

QUERY:

SELECT customer_id, first_name, last_name FROM T3_CustomerDetails WHERE age >= 21 AND gender = 'M'; SELECT name FROM T3_EmployeeDetails WHERE salary >= 10000 AND designation = 'Driver'; SELECT customer_id, first_name, last_name FROM T3_CustomerDetails WHERE age >= 40 OR gender = 'M' SELECT employee_id, name FROM T3_EmployeeDetails WHERE salary >= 10000 OR designation = 'Luggage Manager'; SELECT customer_id, first_name, last_name FROM T3_CustomerDetails WHERE NOT age >= 35; SELECT bus_id FROM T3_bus WHERE NOT bus_type='Sleeper'; SELECT employee_id, name FROM T3_EmployeeDetails WHERE designation IN ('Driver', 'Cleaner'); SELECT hotel_name FROM T3_DestinationDetails WHERE city IN ('Kulu Manali', 'Burang'); SELECT employee_id, name FROM T3_EmployeeDetails WHERE salary BETWEEN 5000 AND 10000; SELECT customer_id, CONCAT(first_name, last_name) AS full_name FROM T3_CustomerDetails WHERE age BETWEEN 21 AND 40;

OUTPUT:

Results Messages

	customer_id	first_name	last_name
1	0000000001	Kiran	Kumar
2	0000000002	Charan	Rao
3	0000000003	Farhan	Abdul
4	0000000004	Kissan	Chary
5	0000000006	Cheman	Kumar
6	0000000007	Eeshwar	Prasad

	name
1	P. RAJESH
2	A. RAMESH
3	B. SURESH
4	N. NARESH

	customer_id	first_name	last_name
1	0000000001	Kiran	Kumar
2	0000000002	Charan	Rao
3	0000000003	Farhan	Abdul
4	0000000004	Kissan	Chary
5	0000000005	Laban	Seth
6	0000000006	Cheman	Kumar

	employee_id	name
1	01001	P. RAJESH
2	01002	A. RAMESH
3	01007	O. JAYESH
4	02003	B. SURESH
5	02004	N. NARESH
6	02008	P. PARAM...