**MCA-B013 CHUDASAMA VISHAL**

SQL> -- **day-9.docx** file exercise

SQL> **-- Question-1 tables: Worker, Job, Assigned**

SQL> **-- 1. Display all the workers' Id assigned for Job 1 and 2 both (J\_Id =1 and J\_Id=2)**

SQL> **select w.\* from worker w join Assigned a on a.W\_ID=w.ID where a.J\_ID in(101, 102);**

ID NAME WAGES\_PER\_HR

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1 Alice 50

2 Deep Jha 60

4 Diana 70

SQL> **-- 2. List the workers who are working for J\_Id =1 and not for J\_Id = 2**

SQL> **select w.\* from Worker w where w.id in(select a.w\_id from Assigned a where a.j\_id=101) AND w.id not in(select a.w\_id from Assigned a where a.j\_id=102);**

ID NAME WAGES\_PER\_HR

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1 Alice 50

4 Diana 70

SQL> **-- 3. Display the workers Id who are working for more than 6 hours and status is pending. And Union them**

SQL> select distinct w.id from Worker w join Assigned a on w.id=a.w\_id where a.total\_hrs>6 AND a.status='Pending' UNION select distinct w.id from Worker w join Assigned a on w.id=a.w\_id where a.total\_hrs<6 AND a.status='Completed';

ID

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2

4

3

SQL> **-- Question-2 tables: FYRankers, SYRankers**

SQL> **-- 1. Display the name of the student who is ranker in 'FY' or 'SY'**

SQL> **select name from FYRankers UNION select name from SYRankers;**

NAME

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Anna White

Chris Lee

Emily Davis

Jane Smith

John Doe

Michael Brown

6 rows selected.

SQL> **-- 2. Display the name of the student who is ranker in 'FY' or 'SY' including duplicate data**

SQL> **select name from FYRankers UNION ALL select name from SYRankers;**

NAME

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John Doe

Jane Smith

Emily Davis

Michael Brown

Emily Davis

Michael Brown

Chris Lee

Anna White

8 rows selected.

SQL> **-- 3. Display the name of the students who is ranker in 'FY' or 'SY' and having SPI more than 7**

SQL> **select name from FYRankers where spi>7 UNION select name from SYRankers where spi>7;**

NAME

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Chris Lee

Emily Davis

Jane Smith

John Doe

Michael Brown

SQL> **-- 4. Display the name of the student who is ranker in both FY and SY**

SQL> **select name from FYRankers INTERSECT select name from SYRankers;**

NAME

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Emily Davis

Michael Brown

SQL> **-- 5. Display the name of the student who is ranker in FY but not in SY**

SQL> **select name from FYRankers MINUS select name from SYRankers;**

NAME

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Jane Smith

John Doe

SQL> **-- 6. Display the name of the student who is ranker in SY but not in FY**

SQL> **select name from SYRankers MINUS select name from FYRankers;**

NAME

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Anna White

Chris Lee

SQL> **-- Question-3 tables: customer, supplier**

SQL> **-- 1. Display distinct city of both the customer and supplier table in sorted order.**

SQL> **select city from customer UNION select city from supplier;**

CITY

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Ahmedabad

London

New York

SQL> **-- 2. Display city of both the tables with duplicate data.**

SQL> **select city from customer UNION ALL select city from supplier;**

CITY

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Ahmedabad

New York

London

Ahmedabad

Ahmedabad

New York

London

Ahmedabad

8 rows selected.

SQL> **-- 3. Display the details of Ahmedabad city of both customer and supplier table.**

SQL> **select name,city from customer where city='Ahmedabad' UNION select name,city from supplier where city='Ahmedabad';**

NAME CITY

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Charlie Black Ahmedabad

John Doe Ahmedabad

Sup1 Ahmedabad

Sup4 Ahmedabad

SQL> **-- 4. Display the name of students who have enrolled for `html' course.**

SQL> **select s.student\_name from students1 s join enrollment1 e on e.student\_id=s.student\_id where e.course\_name='HTML';**

STUDENT\_NAME

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Eve Adams

SQL> **-- 5. Display customer details who are living in `ahmedabad' and name start with `A'.**

SQL> **select \* from customers where city='Ahmedabad' AND name like 'A%';**

CUST\_ID NAME CITY COUNTRY

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5 Avinav josi Ahmedabad India

SQL> **-- 6. Find the details of the supplier who are not customer.**