ASSIGNMENT – 08

mysql> use practice;

Database changed

mysql> select \*

-> from employee;

+--------+------------+-----------+------------+------+---------+----------+-----------+

| emp\_id | first\_name | last\_name | birth\_date | sex | salary | super\_id | branch\_id |

+--------+------------+-----------+------------+------+---------+----------+-----------+

| 100 | David | Wallace | 1967-11-17 | M | 250000 | NULL | 1 |

| 101 | Jan | Levinson | 1961-05-11 | F | 1100000 | 100 | 1 |

| 102 | Michael | Scott | 1964-03-15 | M | 75000 | 100 | 2 |

| 103 | Angela | Martin | 1971-06-25 | F | 63000 | 102 | 2 |

| 104 | Kelly | Kapoor | 1980-02-05 | F | 55000 | 102 | 2 |

| 105 | Stanley | Hudson | 1958-02-19 | M | 69000 | 102 | 2 |

| 106 | Jost | Porter | 1969-09-05 | M | 78000 | 100 | 3 |

| 107 | Andy | Bernad | 1969-09-05 | M | 65000 | 106 | 3 |

| 108 | Jim | Halpert | 1978-10-01 | M | 71000 | 106 | 3 |

| 109 | Oscar | Martinez | 1968-02-19 | M | 69000 | 106 | 3 |

| 110 | Kevin | Malone | 1978-02-19 | M | 69000 | 106 | 3 |

+--------+------------+-----------+------------+------+---------+----------+-----------+

11 rows in set (0.00 sec)

mysql> create view v1 as select first\_name, sex, salary

-> from employee;

Query OK, 0 rows affected (0.03 sec)

mysql> select \*

-> from employee;

+--------+------------+-----------+------------+------+---------+----------+-----------+

| emp\_id | first\_name | last\_name | birth\_date | sex | salary | super\_id | branch\_id |

+--------+------------+-----------+------------+------+---------+----------+-----------+

| 100 | David | Wallace | 1967-11-17 | M | 250000 | NULL | 1 |

| 101 | Jan | Levinson | 1961-05-11 | F | 1100000 | 100 | 1 |

| 102 | Michael | Scott | 1964-03-15 | M | 75000 | 100 | 2 |

| 103 | Angela | Martin | 1971-06-25 | F | 63000 | 102 | 2 |

| 104 | Kelly | Kapoor | 1980-02-05 | F | 55000 | 102 | 2 |

| 105 | Stanley | Hudson | 1958-02-19 | M | 69000 | 102 | 2 |

| 106 | Jost | Porter | 1969-09-05 | M | 78000 | 100 | 3 |

| 107 | Andy | Bernad | 1969-09-05 | M | 65000 | 106 | 3 |

| 108 | Jim | Halpert | 1978-10-01 | M | 71000 | 106 | 3 |

| 109 | Oscar | Martinez | 1968-02-19 | M | 69000 | 106 | 3 |

| 110 | Kevin | Malone | 1978-02-19 | M | 69000 | 106 | 3 |

+--------+------------+-----------+------------+------+---------+----------+-----------+

11 rows in set (0.00 sec)

mysql> select \*

-> from v1;

+------------+------+---------+

| first\_name | sex | salary |

+------------+------+---------+

| David | M | 250000 |

| Jan | F | 1100000 |

| Michael | M | 75000 |

| Angela | F | 63000 |

| Kelly | F | 55000 |

| Stanley | M | 69000 |

| Jost | M | 78000 |

| Andy | M | 65000 |

| Jim | M | 71000 |

| Oscar | M | 69000 |

| Kevin | M | 69000 |

+------------+------+---------+

11 rows in set (0.00 sec)

mysql> select \*

-> from v1

-> where sex = 'F';

+------------+------+---------+

| first\_name | sex | salary |

+------------+------+---------+

| Jan | F | 1100000 |

| Angela | F | 63000 |

| Kelly | F | 55000 |

+------------+------+---------+

3 rows in set (0.00 sec)

mysql> delete from v1

-> where salary > 80000;

Query OK, 2 rows affected (0.01 sec)

mysql> select \*

-> from v1;

+------------+------+--------+

| first\_name | sex | salary |

+------------+------+--------+

| Michael | M | 75000 |

| Angela | F | 63000 |

| Kelly | F | 55000 |

| Stanley | M | 69000 |

| Jost | M | 78000 |

| Andy | M | 65000 |

| Jim | M | 71000 |

| Oscar | M | 69000 |

| Kevin | M | 69000 |

+------------+------+--------+

9 rows in set (0.00 sec)

mysql> select \*

-> from employee;

+--------+------------+-----------+------------+------+--------+----------+-----------+

| emp\_id | first\_name | last\_name | birth\_date | sex | salary | super\_id | branch\_id |

+--------+------------+-----------+------------+------+--------+----------+-----------+

| 102 | Michael | Scott | 1964-03-15 | M | 75000 | 100 | 2 |

| 103 | Angela | Martin | 1971-06-25 | F | 63000 | 102 | 2 |

| 104 | Kelly | Kapoor | 1980-02-05 | F | 55000 | 102 | 2 |

| 105 | Stanley | Hudson | 1958-02-19 | M | 69000 | 102 | 2 |

| 106 | Jost | Porter | 1969-09-05 | M | 78000 | 100 | 3 |

| 107 | Andy | Bernad | 1969-09-05 | M | 65000 | 106 | 3 |

| 108 | Jim | Halpert | 1978-10-01 | M | 71000 | 106 | 3 |

| 109 | Oscar | Martinez | 1968-02-19 | M | 69000 | 106 | 3 |

| 110 | Kevin | Malone | 1978-02-19 | M | 69000 | 106 | 3 |

+--------+------------+-----------+------------+------+--------+----------+-----------+

9 rows in set (0.01 sec)

mysql> create view v2 as select emp\_id, first\_name, sex, salary, branch\_name

-> from employee

-> join branch

-> on emp\_id = mgr\_id;

Query OK, 1 row affected (0.01 sec)

mysql> select \*

-> from v2;

+--------+------------+-----------+------+-------------+

| emp\_id | first\_name | last\_name | sex | branch\_name |

+--------+------------+-----------+------+-------------+

| 102 | Michael | Scott | M | Scranton |

| 106 | Jost | Porter | M | Stamford |

+--------+------------+-----------+------+-------------+

2 rows in set (0.01 sec)

mysql> update v2

-> set branch\_name = 'Hamaltoe Industries'

-> where emp\_id = 102;

Query OK, 1 row affected (0.01 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> select \*

-> from v2;

+--------+------------+-----------+------+---------------------+

| emp\_id | first\_name | last\_name | sex | branch\_name |

+--------+------------+-----------+------+---------------------+

| 102 | Michael | Scott | M | Hamaltoe Industries |

| 106 | Jost | Porter | M | Stamford |

+--------+------------+-----------+------+---------------------+

2 rows in set (0.00 sec)

mysql> create view v3 as select emp\_id, sum(total\_sales)

-> from works\_with

-> group by emp\_id;

Query OK, 0 rows affected (0.01 sec)

mysql> select \*

-> from v3;

+--------+------------------+

| emp\_id | sum(total\_sales) |

+--------+------------------+

| 102 | 282000 |

| 105 | 218000 |

| 107 | 31000 |

| 108 | 34500 |

+--------+------------------+

4 rows in set (0.00 sec)

mysql> select \*

-> from v3;

+--------+------------------+

| emp\_id | sum(total\_sales) |

+--------+------------------+

| 102 | 282000 |

| 105 | 218000 |

| 107 | 31000 |

| 108 | 34500 |

+--------+------------------+

4 rows in set (0.00 sec)

mysql> \q;

Bye