1. Opened the MySQL Workbench.
2. Created the Schema named Takeo.
3. Created the Table named Students under Schema Takeo.
4. Named the 7 columns as:
5. Stu\_id
6. first\_name
7. last\_name
8. address
9. col\_name
10. department
11. base\_loc
12. Completed the table with 30 entries in the field required.
13. Created a table named Products under schema Takeo.
14. Completed the table with 6 columns and 15 records.
15. Tried and applied all ‘like’ commands and ‘in ‘and ‘not in’.

* *select \* from takeo.products where pro\_name like "c\_\_%";*
* *select \* from takeo.products where pro\_name like "%\_\_a";*
* *select \* from takeo.products where unit in (10, 25);*
* *select \* from takeo.products where unit not in (10,25);*
* *select \* from takeo.products where order\_id between 415 and 425;*
* *select \* from takeo.products where pro\_id between 110 and 115;*
* *select \* from takeo.products where unit between 5 and 15;*
* *select \* from takeo.products where order\_id between 412 and 418;*
* *select \* from takeo.products where unit between 0 and 10;*

1. Created the table named Employee under schema Takeo.
2. Create 10 columns named :

a) emp\_id

b) first\_name

c) last\_name

d) department

1. Completed the table with entries.
2. Added one more column name ‘email’ :

*alter table takeo.employee add email varchar(50);*

*select from takeo.employee*

1. ​Renamed the column email:

*alter table takeo.employee rename column email to mail;*

*select \* from takeo.employee*

1. Changed the first name and last name value:

*update takeo.employee set first\_name =””,last\_name=”” where emp\_id=1;*

1. ​Similarly changed two more names.
2. Added column Salary:

*alter table takeo.employee add column salary varchar(50);*

1. Executed the commands to find the total salary:

*select count(salary) from takeo.employee;*

*select count(\*) from takeo.wmployee;*

*select count(salary) as total from takeo.employee;*

1. Added one more record.
2. Used aggregate functions:

*select sum(salary) from takeo.employee;*

*select avg(salary) from takeo.employee;*

*select min(salary) from takeo.employee;*

*select max(salary) from takeo.employee;*

*note: Min and max didn’t execute in table employee.*