**Scenario 1: Working with Courses**

**Working with Courses**

**As a admin, login to the system**

**Add one Fundamental and Advance courses**

**Open Database in Workbench**

**Write the following queries**

**which will get added both courses names, created date, course type value and Price**

SELECT courses.title, courses.date\_created, course\_type.type\_value, courses.price

FROM qwallity\_db.courses

Inner join qwallity\_db.course\_type

on (qwallity\_db.courses.coursetype=qwallity\_db.course\_type.type\_id)

**which will update created Fundamental course name to “Updated title”**

update qwallity\_db.courses

set title= 'homework fundamental'

where id= '15833'

**which will remove an Advance course**

delete

from qwallity\_db.courses

where id= '15832'

**Scenario 2: Buy Courses**

**As a non-admin, login to the system**

**Buy 2 Fundamental and 3 Advanced courses**

**Open Database in Workbench**

**Write the following queries**

Which will select non admin user all courses and username

SELECT users.username, user\_courses.course\_id

FROM qwallity\_db.user\_courses

inner join qwallity\_db.users on user\_courses.user\_id=users.id

where users.id=1897

**Which will select count of Fundamental and Advanced course**

Select count(id) as count, coursetype

FROM qwallity\_db.courses

group by coursetype

having coursetype in(1,2)

**Which will insert new Fundamental course to non admin account**

insert user\_courses (user\_id, course\_id)

value (1897, 15673)

**Which will update one of the Advanced course price to ‘20’**

update qwallity\_db.courses

set price=20

where id=15664

**Scenario 3: Working with users**

**Open Database in Workbench**

**Write the following queries**

**Which will give count of the all non admin and admin users**

SELECT count(id)as count, username, role\_id

FROM qwallity\_db.users

group by role\_id

having role\_id in(1,2)

**Which will select all users who account is more than 100**

SELECT id, username, account

FROM qwallity\_db.users

where account>100

**Which will group by username and give the count**

SELECT count(username) as username

FROM qwallity\_db.users

group by username

**Which will give all users who name start with ‘Ann’**

SELECT username

FROM qwallity\_db.users

where username like "Ann%"

**Which will give all users whose name 2nd letter is ‘n’**

SELECT username

FROM qwallity\_db.users

where username like "\_n%"

**Which will insert new user with all fields (encoded password should be copied from db.)**

insert into users (username, password, email, first\_name, role\_id, account)

values ('Seda7777', '$5$rounds=535000$uoMd4/8GUEnuPIuo$hSqM5pLBIVhaVOVKJy9uuN/uGAfzAzqX6DJSA3jzX.7', 'sedahhhhh@gmail.com','sedafff',2, 10000)

used password 1111ssss

**Scenario 4: Working with user group -roles**

**Open Database in Workbench**

**Write the query which will add a new non-admin user(encoded password should be copied from DB)**

insert into users (username, password, email, first\_name, role\_id, account)

values ('Seda7777', '$5$rounds=535000$uoMd4/8GUEnuPIuo$hSqM5pLBIVhaVOVKJy9uuN/uGAfzAzqX6DJSA3jzX.7', 'sedahhhhh@gmail.com','sedafff',2, 10000)

used password 1111ssss

**Update role as admin in DB**

update users

set role\_id=1

where id=1899

**Change user pass in DB**

**update users**

set password= '$5$rounds=535000$D3ciQSGSOh5/CFcV$BEm7VFLr6sng7pdA6YggCdm9bx3I3bPWWGtN6AOLqE3'

where id=1899

(Changed password 12345678)