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**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), role\_id

FROM users

GROUP BY role\_id;

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

Select username

FROM users

Where account>100;

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

Select count(id), username

FROM users

GROUP BY username;

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

SELECT first\_name

FROM users

WHERE first\_name='Ann';

* + - Which will give all users who name 2nd letter is ‘n’

SELECT first\_name

FROM users

WHERE first\_name 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,ChangePassword,account,country,city,address, phone\_number,gender,marital\_status)

VALUES ('Erika\_7','ibjbj52k','[Erika7@yahoo.com](mailto:Erika7@yahoo.com)','Erika',1,Null,851,'Armenia','Yerevan','Saryan8',55487507,'female',Null);

**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 username and courses id of logged in user

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

FROM users

INNER JOIN user\_courses

ON users.id=user\_courses.id

* + Which will select count of Fundamental and Advanced course

Select count(id),coursetype

From courses

GROUP BY coursetype;

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

Update courses

SET price=20

where id=98619370

**Scenario 4: Working with usergroup -roles**

* + Open Database in Workbench
  + Write the query which will add new non admin user(encoded password should be copied from db)

INSERT INTO users(username,password,email,first\_name,role\_id,ChangePassword,account,country,city,address, phone\_number,gender,marital\_status)

VALUES ('Emili\_4','ibjbj52k','Emili4@yahoo.com','Emili',1,Null,851,'Armenia','Yerevan','Saryan10',55526207,'female',Null);

* + Check that non admin can login to the system via application
  + Update role as admin in DB

UPDATE roles

SET role\_name='admin'

where id=4;

* + Login into system and check that you are admin
  + Change user pass in DB

UPDate users

SET password='ibjbj52k'

where id=159;

* + Try to login again in system
  + Check that user is not able to login into system