

ASSIGNMENT-2

Rao Nauman
[COMPANY NAME] [Company address]

```
Question:2
create database person;
use person;
create table user(
`user_id` VARCHAR(25) NOT NULL,
`username` VARCHAR(25) NOT NULL,
'password' VARCHAR(255) NOT NULL,
'email' VARCHAR(255) NOT NULL,
PRIMARY KEY ('user_id'));
create table summary(
-> id varchar(25) not null,
-> total_user varchar(25) not null,
-> yahoo varchar(25) not null,
-> hotmail varchar(25) not null,
-> gmail varchar(25) not null,
-> primary key(id));
```

Creating trigger

```
create trigger upd

after update on person.users

for each row begin

if(old.email like "%yahoo%") then

update summary set yahoo_users = yahoo_users-1;

elseif(old.email like "%outlook%") then

update summary set outlook_users = outlook_users-1;

elseif(old.email like "%gmail%") then

update summary set gmail_users = gmail_users-1;

end if;
```

```
if(new.email like "%yahoo%") then
update summary set yahoo_users = yahoo_users+1;elseif(new.email like "%outlook%") then
update summary set outlook_users = outlook_users+1;
elseif(new.email like "%gmail%") then
update summary set gmail_users = gmail_users+1;
end if;
end //
```

```
MariaDB [person]> create trigger upd
    -> after update on person.user
    -> for each row begin
    -> if(old.email like "%yahoo%") then
    -> update summary set yahoo_users = yahoo_users-1;
    -> elseif(old.email like "%outlook%") then
    -> update summary set outlook_users = outlook_users-1;
    -> elseif(old.email like "%gmail%") then
    -> update summary set gmail_users = gmail_users-1;
    -> end if;
    -> if(new.email like "%yahoo%") then
    -> update summary set yahoo_users = yahoo_users+1;elseif(new.email like "%outlook%") then
    -> update summary set outlook_users = outlook_users+1;
    -> elseif(new.email like "%gmail%") then
    -> update summary set gmail_users = gmail_users+1;
    -> end if;
    -> end //
Query OK, 0 rows affected (0.017 sec)
```

Inserting data

```
insert into users values('1','sal','1','sal@gmail.com')//
insert into users values('2','harry','1','harry@outlook.com');
insert into users values('3','atif','1','atif@yahoo.com');
insert into users values('4','fawad','1','fawad@gmail.com');
insert into users values('5','mehwish','1','mehwish@yahoo.com');
insert into users values('6','babar','1','babar@yahoo.com');
```

```
MariaDB [person]> insert into users values('1','sal','1','sal@gmail.com')//
ERROR 1146 (42S02): Table 'person.users' doesn't exist
MariaDB [person]> insert into user values('1','sal','1','sal@gmail.com')//
Query OK, 1 row affected (0.010 sec)

MariaDB [person]> insert into user values('2','harry','1','harry@outlook.com')//
Query OK, 1 row affected (0.010 sec)

MariaDB [person]> insert into user values('3','atif','1','atif@yahoo.com')//
Query OK, 1 row affected (0.007 sec)

MariaDB [person]> insert into user values('4','fawad','1','fawad@gmail.com')//
Query OK, 1 row affected (0.005 sec)
```

```
MariaDB [person]> select * from user;
                      password | email
 user id |
          username
                                sal@gmail.com
           sal
                      1
                                harry@outlook.com
 2
                      1
           harry
 3
           atif
                     1
                                atif@yahoo.com
           fawad
                    1
                                fawad@gmail.com
 5
           mehwish
                    1
                                mehwish@yahoo.com
                                babar@yahoo.com
 6
           babar
                    | 1
 rows in set (0.001 sec)
```

Testing:

FAST NUCES Studen Enrollment Add Course

Add Courses

| Course Code |
|-------------|
| CS 101 |
| |
| Course Name |
| PF |
| |
| |
| Credits |
| 3 |
| |
| |
| Submit |

TAST NUCES Studen Enrollment Add Course

CS 101PF3

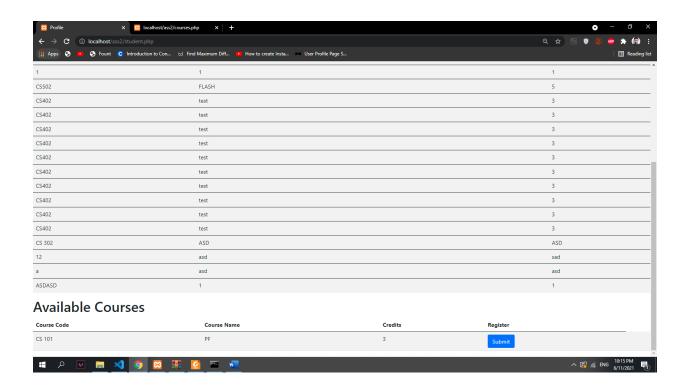
Data Inserted Successfully Go Back

ⅢFAST **NUCES** Studen Enrollment Add Course

Search Student

P19-6015

Submit



Available Courses

Course Code

Course Name

Credits

Register