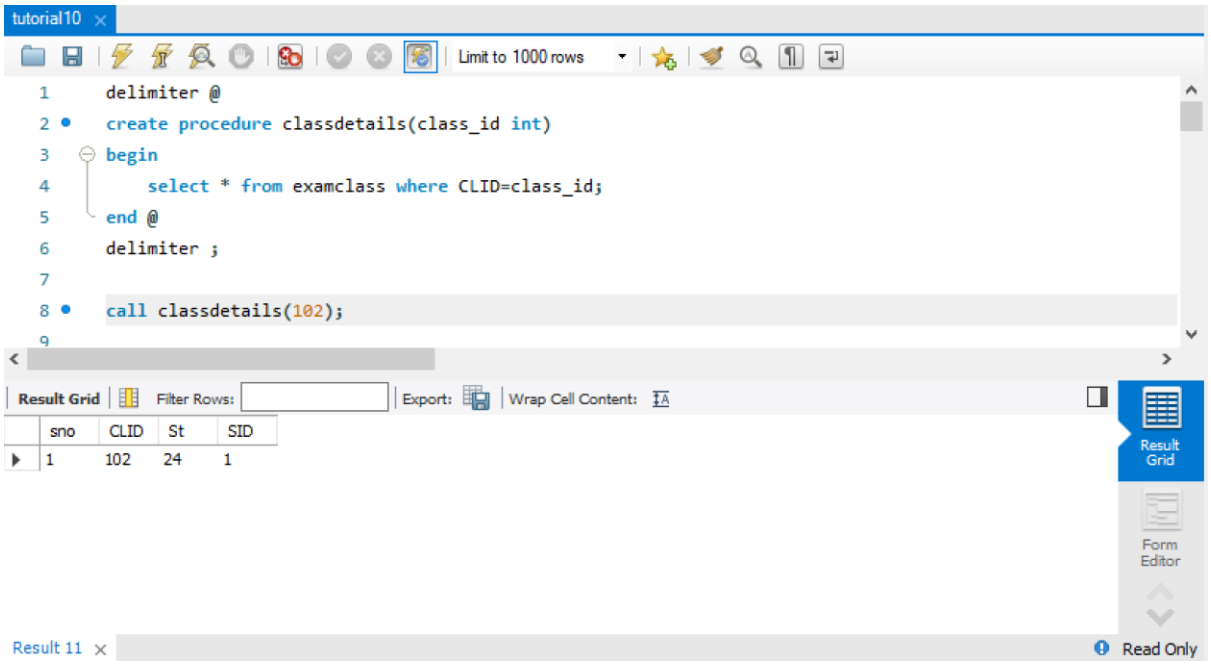
Tutorial – 10

Implement the following PL/SQL programs on Case Study 2

1) Create a procedure to display the information of rooms allocated for a particular course that user inputs

```
delimiter @
create procedure classdetails(class_id int)
begin
        select * from examclass where CLID=class_id;
end @
delimiter ;

call classdetails(102);
```

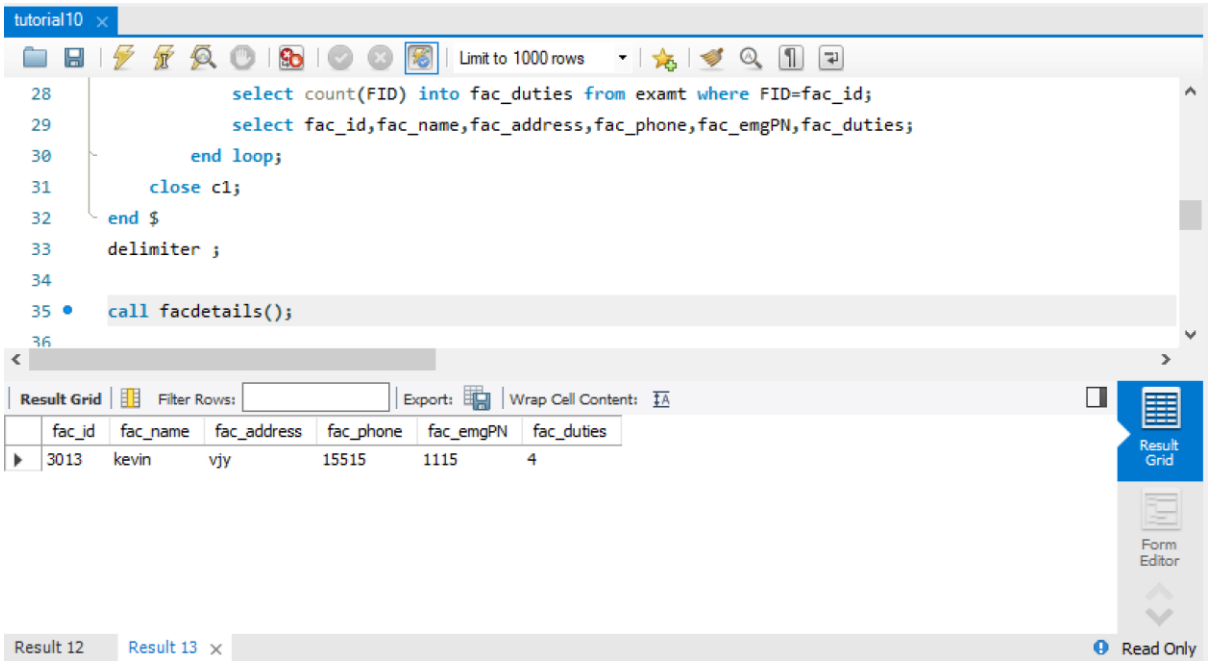


2) Create a Cursor to display the details of faculty working as squad and the no. of duties done by each.

```
delimiter $
create procedure facdetails()
begin
        declare fac_id int;
   declare fac_name varchar(25);
   declare fac_address varchar(25);
   declare fac_phone int;
   declare fac_emgPN int;
   declare fac_duties int;
   declare fac_finished int default 0;
   declare c1 cursor for select * from fac;
        declare continue handler for not found set fac_finished=1;
   open c1;
```

```
                fac_det:loop
                        fetch c1 into fac_id,fac_name,fac_address,fac_phone,fac_emgPN;
                        if fac_finished=1 then
                                leave fac_det;
                        end if;
        select count(FID) into fac_duties from examt where FID=fac_id;
                        select
fac_id,fac_name,fac_address,fac_phone,fac_emgPN,fac_duties;
                end loop;
        close c1;
end $
delimiter ;

call facdetails();
```



3) Create a cursor to display the examination details of a faculty doing proctoring duty.

```
delimiter $@
create procedure fac_exam_details(fac_id int)
begin
        declare fac_name varchar(25);
   declare fac_examtype varchar(25);
   declare fac_examdate date;
   declare fac_examcoursecode int;
   declare fac_finished int default 0;
   declare c1 cursor for select CID,examtype,dte from examt where FID=fac_id;
   declare continue handler for not found set fac_finished=1;
   open c1;
                fac_ext:loop
                        fetch c1 into fac_examcoursecode,fac_examtype,fac_examdate;
        if(fac_finished=1) then
                                leave fac_ext;
```

```
                    end if;
        select name into fac_name from fac where FID=fac_id;
        select fac_id,fac_name,fac_examtype,fac_examdate,fac_examcoursecode;
            end loop;
        close c1;
end $@
delimiter ;

call fac_exam_details(3012);
```