**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)**

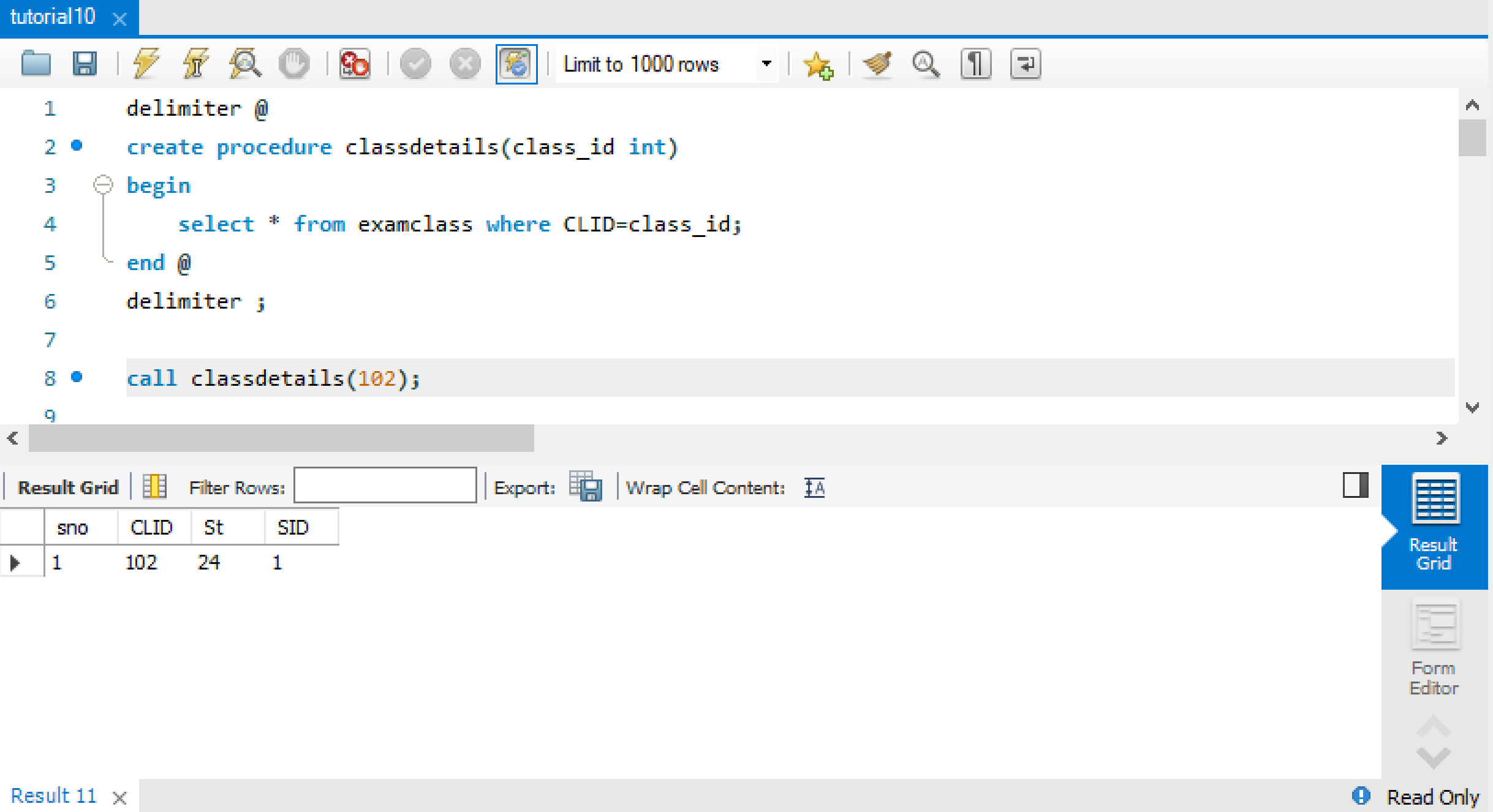
**begin**

**select \* from examclass where CLID=class\_id;**

**end @**

**delimiter ;**

**call classdetails(102);**



1. 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;**

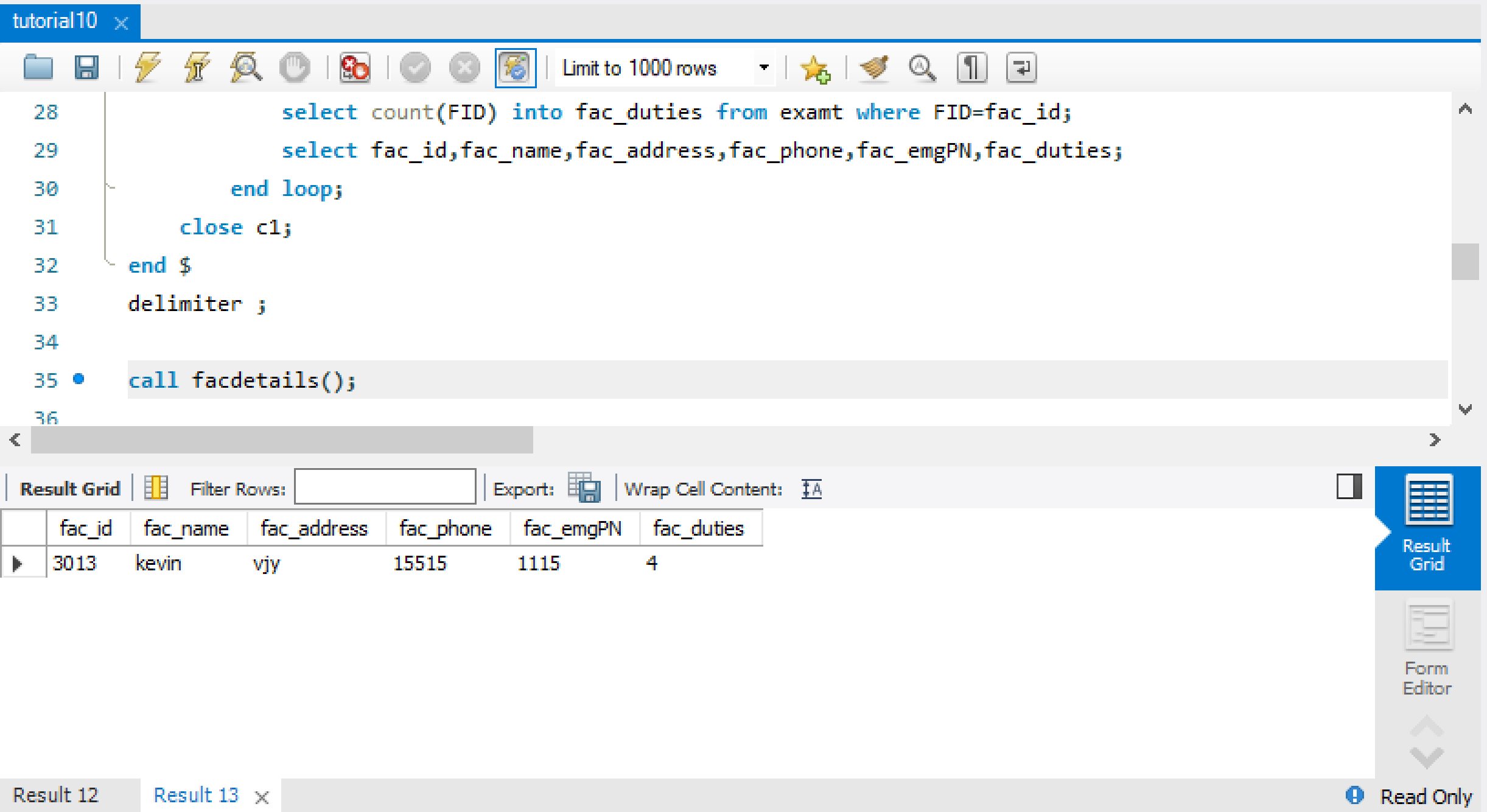
**end loop;**

**close c1;**

**end $**

**delimiter ;**

**call facdetails();**



1. 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);**

