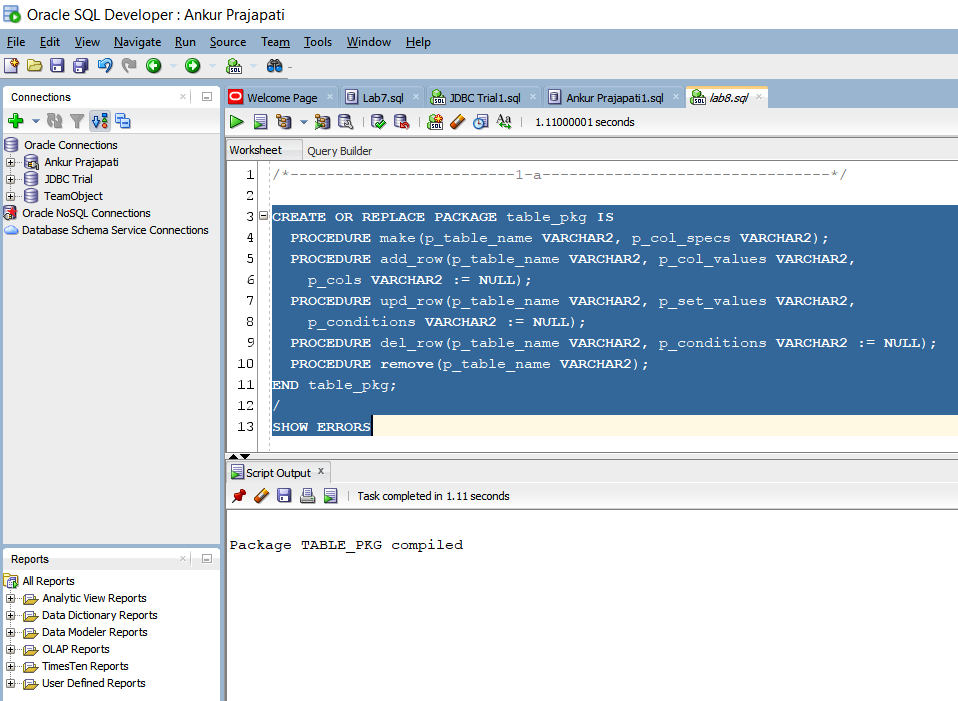
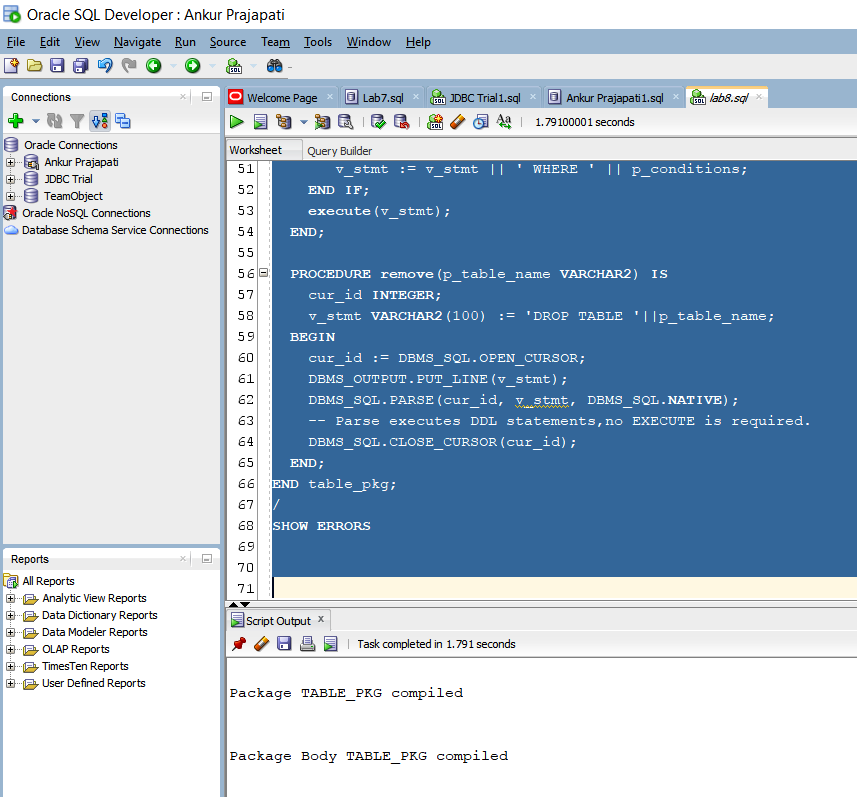
Question 1:

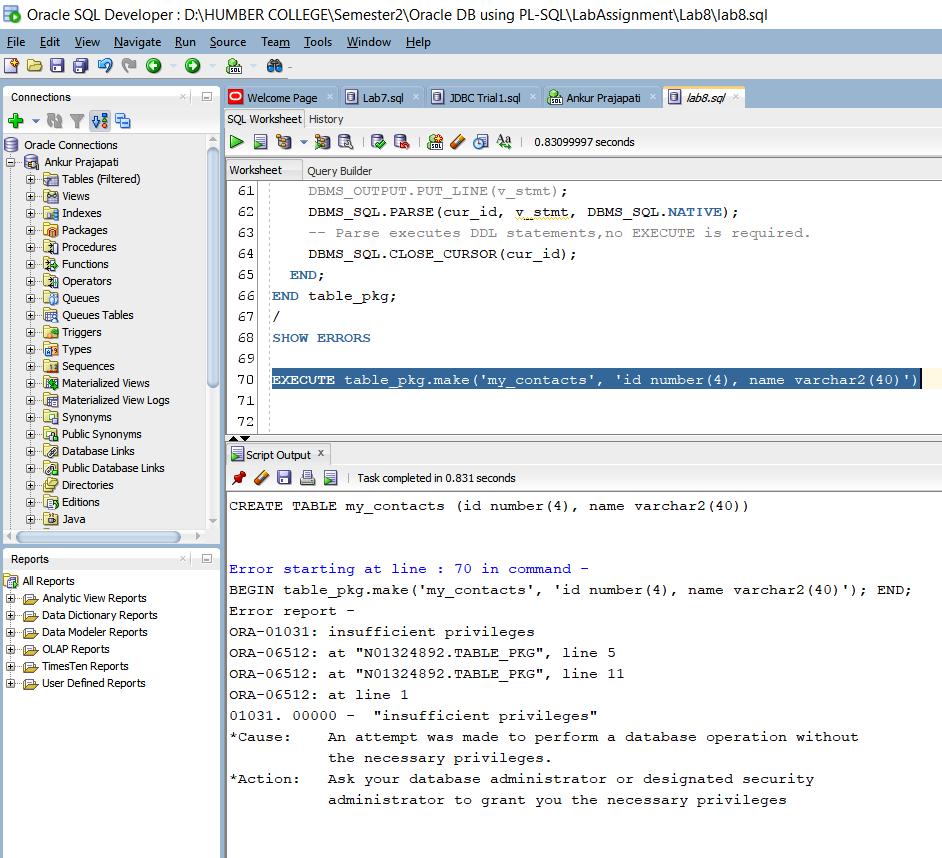


* table\_pkg specification is compiled.
* Basically, we are adding 5 different procedures here.

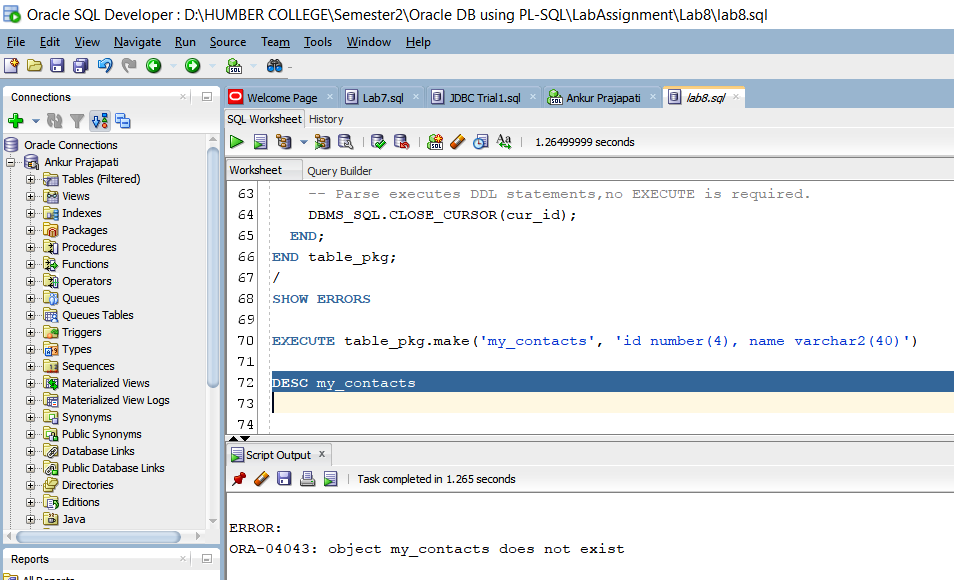
1. make (p\_table\_name, p\_col\_specs) 🡪 to make new table with table name and column specification
2. add\_row(p\_table\_name, p\_col\_values, p\_cols) 🡪 to insert new records inside table. Basically, it takes table name, values for given columns and column names
3. upd\_row(p\_table\_name, p\_set\_valuess, p\_conditions) 🡪 to update inserted rows. Basically, it takes table name, updated values and condition for updating conditions
4. del\_row() 🡪 to delete rows from table name using condition
5. remove 🡪 to drop table name



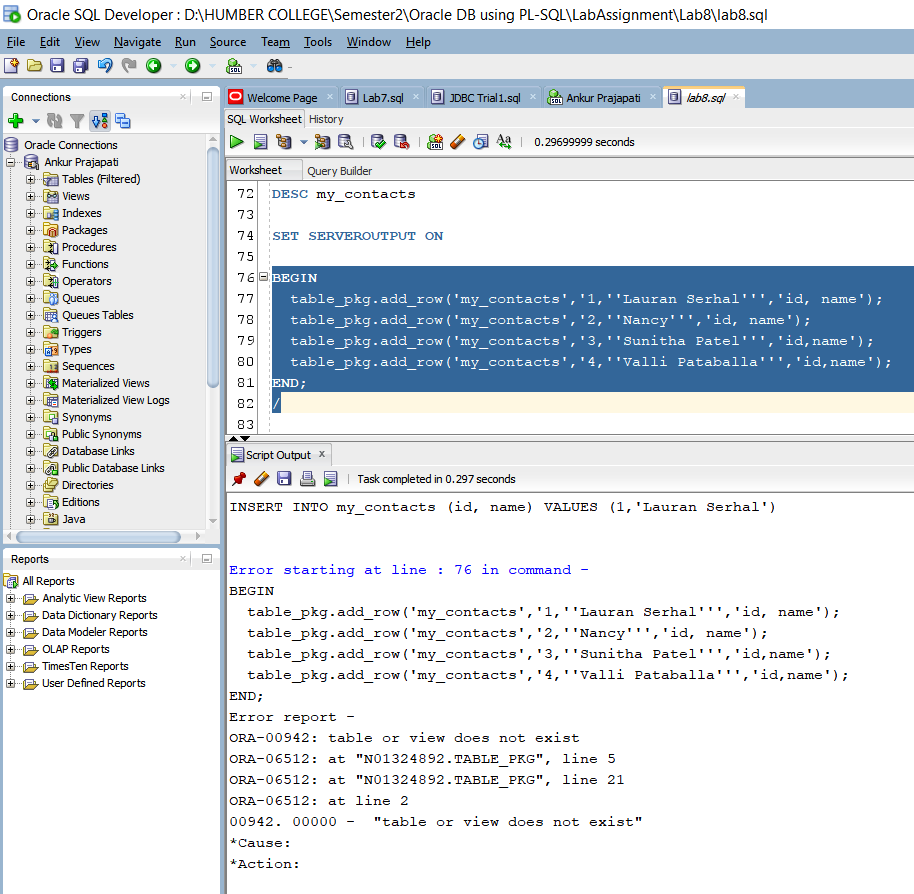
* table\_PKG body is compiled with above mentioned procedures with specifications.
* Implementation is done properly.



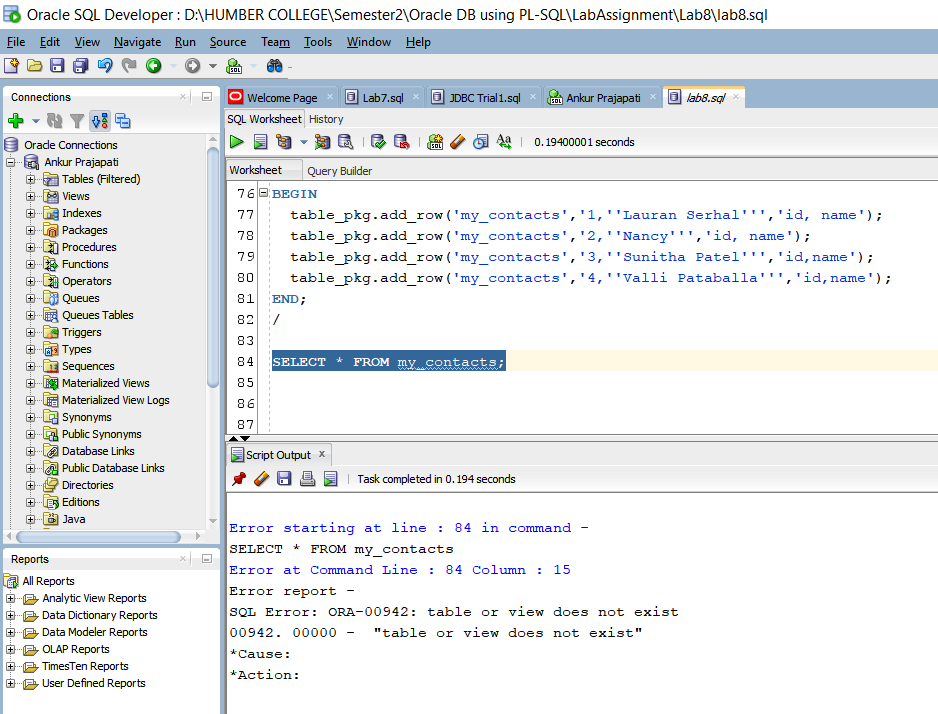
* Here we have tried to create new table with make procedure named my\_contacts having id of type number and name of type varchar2.
* On compiling this statement, it given an error notifying that we don’t have insufficient privileges. That’s why we cannot create this table or perform a database operation without privilages.



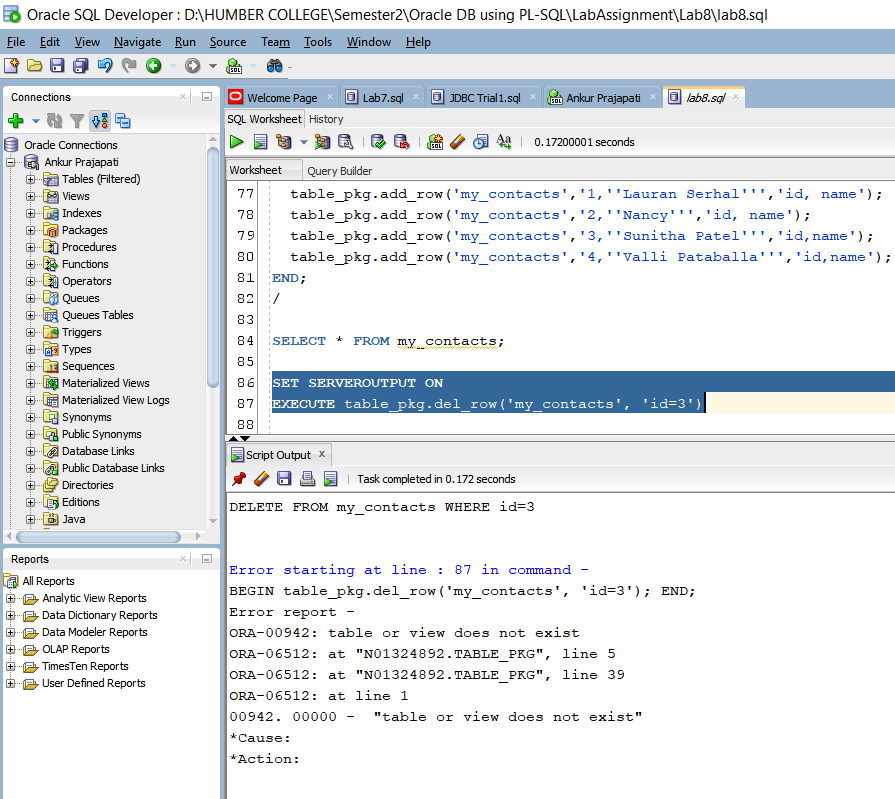
* Here we are describing my\_contacts but due to insufficient privileges we cannot create table and that’s why it says that object does not exists.



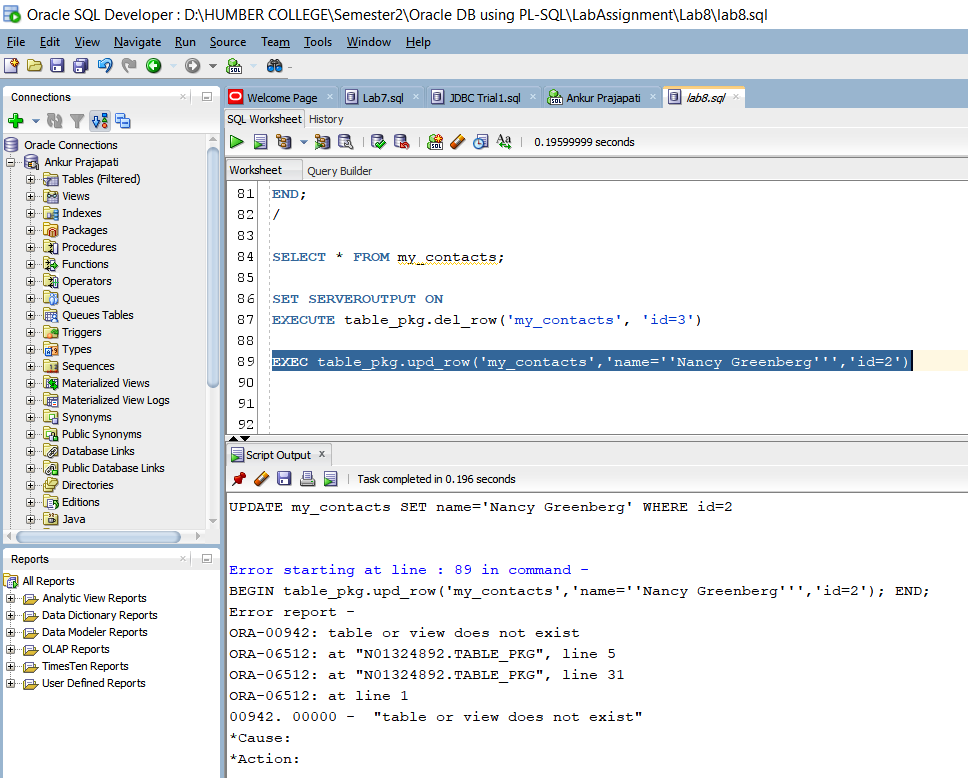
* Here we are trying to add/Insert new rows in my\_contacts but it doesn’t exist that’s why we cannot insert into table.
* We can find error table or view does not exists.



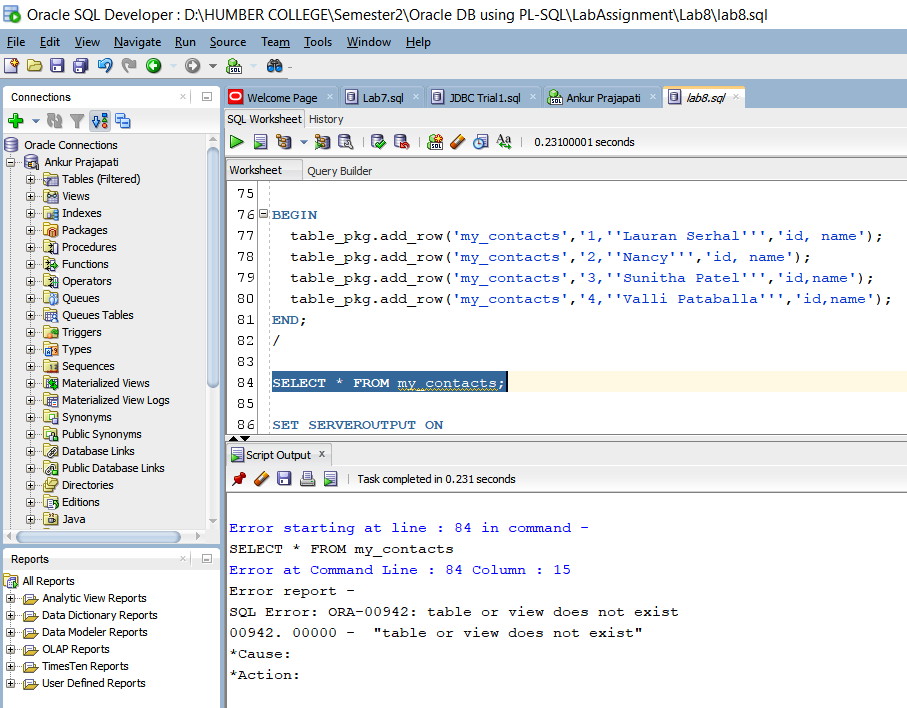
* We are using SELECT query to see the record inside table my\_contacts, but table is not there so its not possible for us.



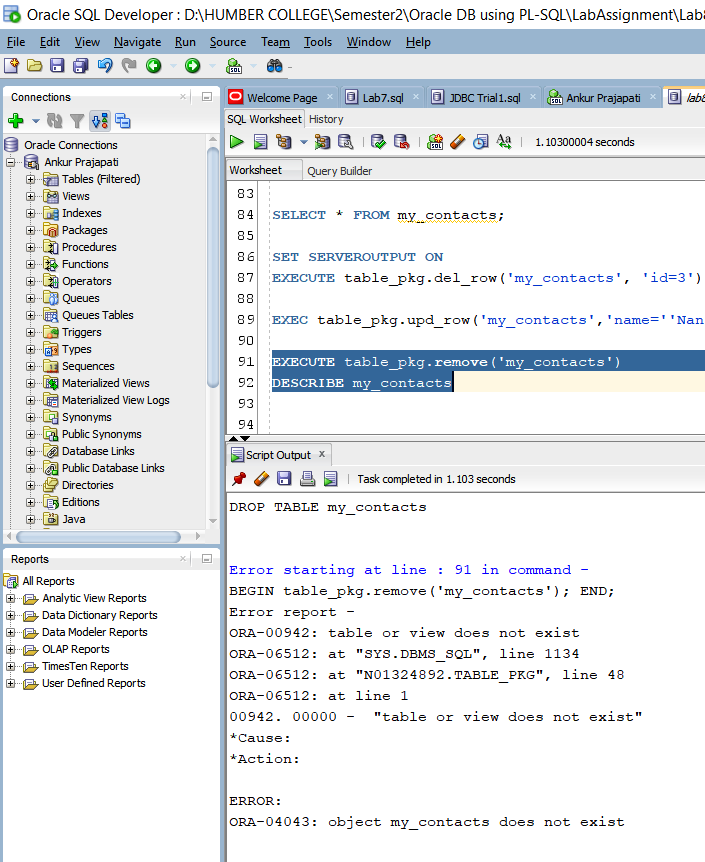
* We are trying to delete row from table my\_contacts having id 3.
* For that we have used SET SERVEROUTPUT ON to print the output
* But due to table is not available there it’s not possible to delete record.



* Here we are trying to update row from table my\_contacts having name as Nancy Greenberg and having id 2.
* But due to table does not exist updating fails.

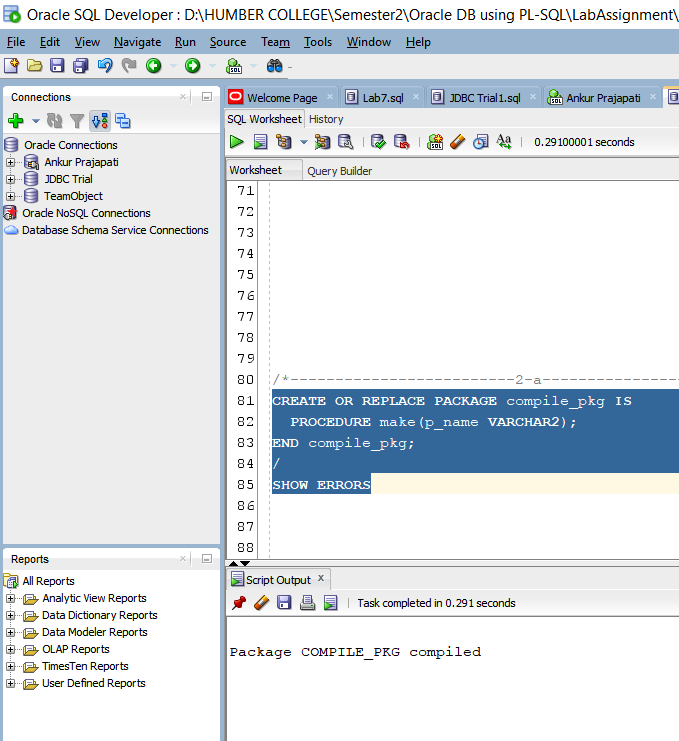


* We are using SELECT query to see the record inside table my\_contacts, but table is not there so it’s not possible for us.

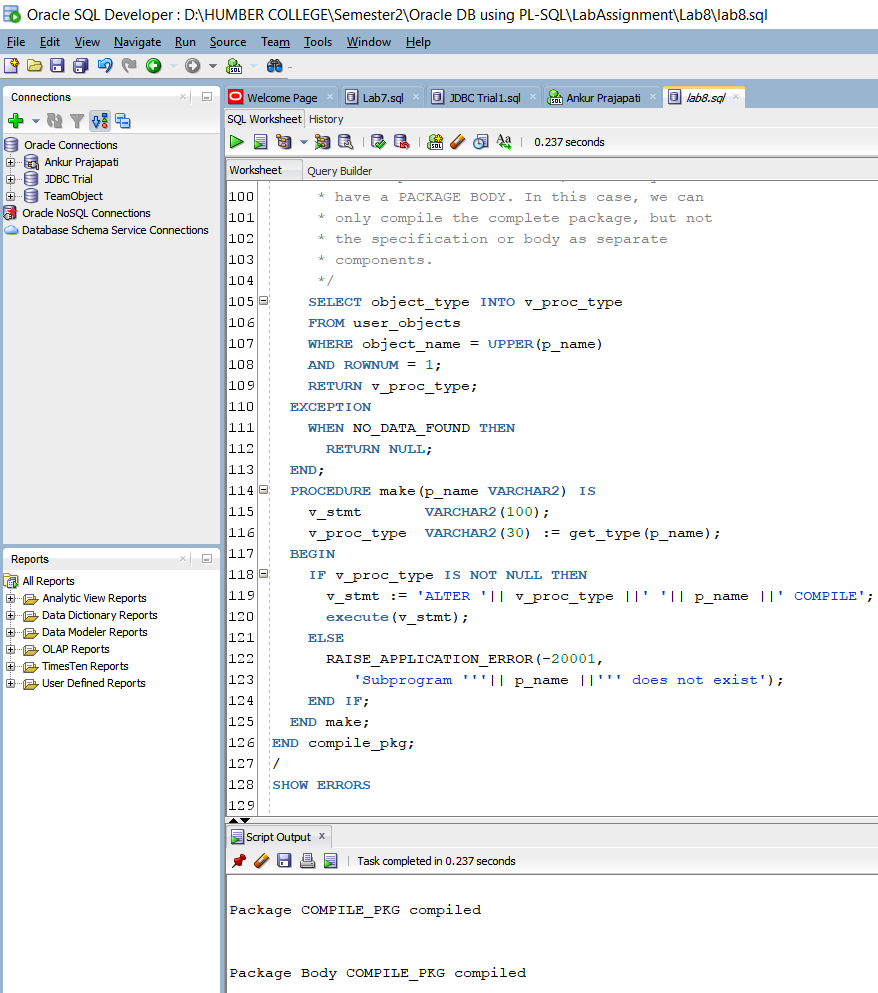


* We are trying to remove my\_contacts from database but it says table or view does not exist. That’s why this database operation is not possible.

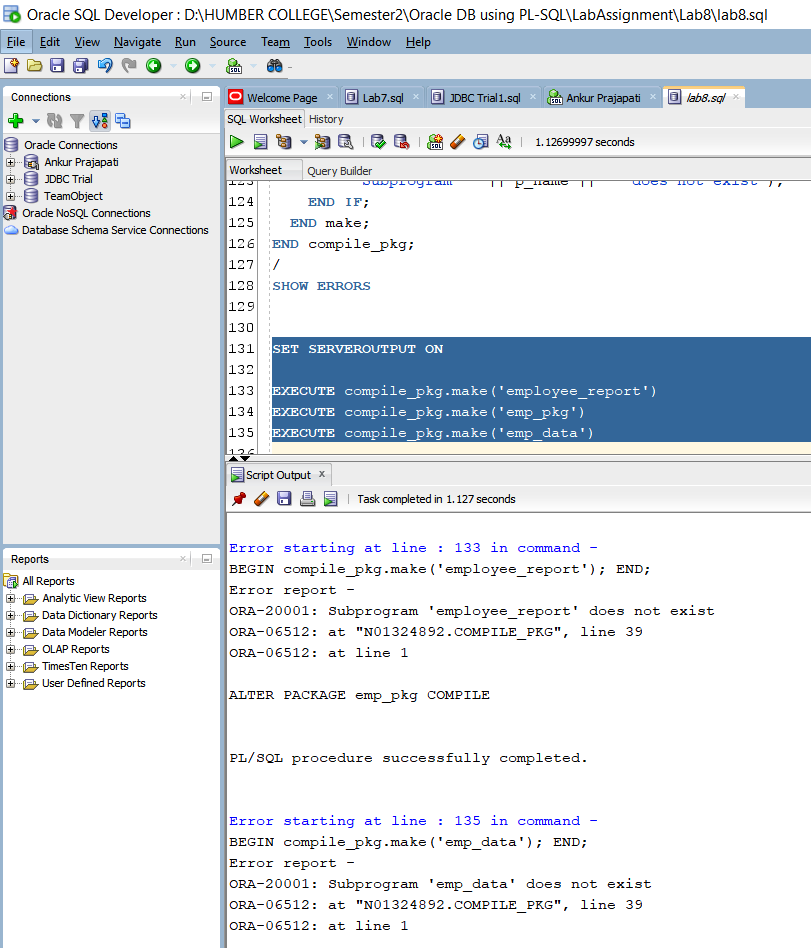
Question 2:



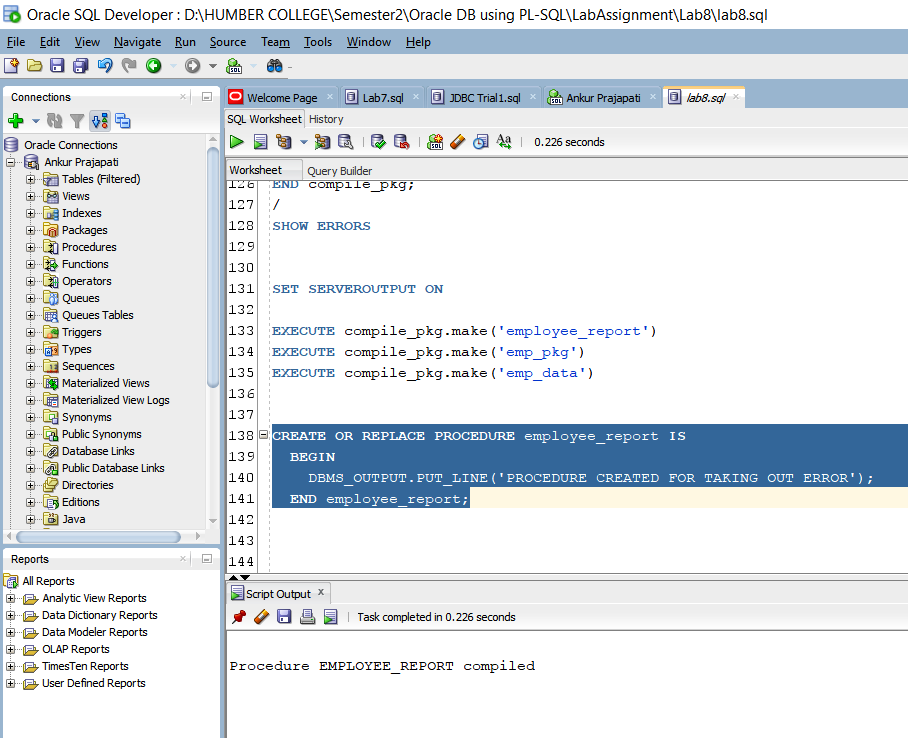
* Creation of complie\_pkg using make procedure.
* Note that this procedure basically creates new table using given name.
* Compile\_pkg is compiled successfully.



* Here we are taking screen shot of package specification and package body compilation.
* Both the compilation is done successfully.
* We have included get\_type function to determine object type from the PL/SQL data dictionary. It will return package type if it exists otherwise it will return NULL.
* This function returns only one line so you can only compile whole package with specification and body. Note that you cannot compile stand alone package specification or body.
* We have implemented make procedure which accepts one argument called name which represents object name and it will call get\_type function.

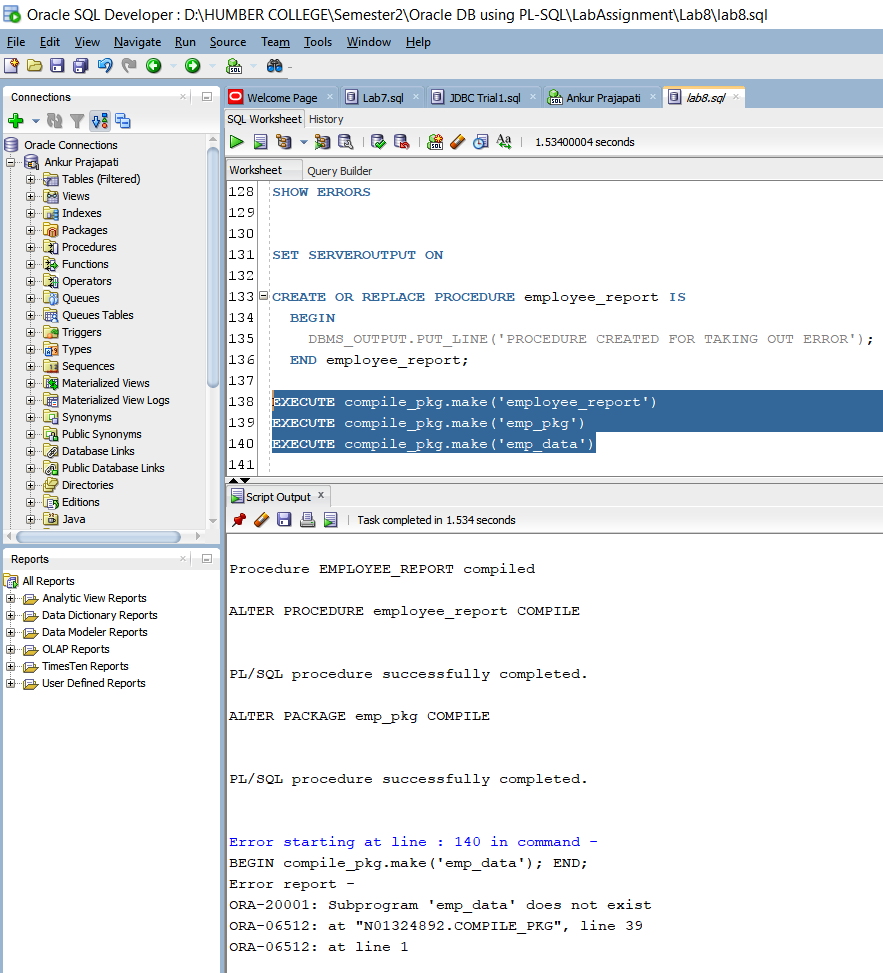


* We are calling make procedure of compile\_pkg with employee\_report, emp\_pkg, emp\_data
* As we don’t have employee\_report package we can not alter it using this procedure.
* emp\_pkg is already there so we can actually alter package and it says it’s compiled successfully.
* Same we don’t have emp\_data object that’s why it says that emp\_data does not exist.



Let’s do one thing we will create employee\_report procedure to remove this error and find out if it works or not.

Employee\_report compiled



After creating procedure employee\_report it actually alters employee\_report procedure.

As we do not have emp\_pkg it will give an error.