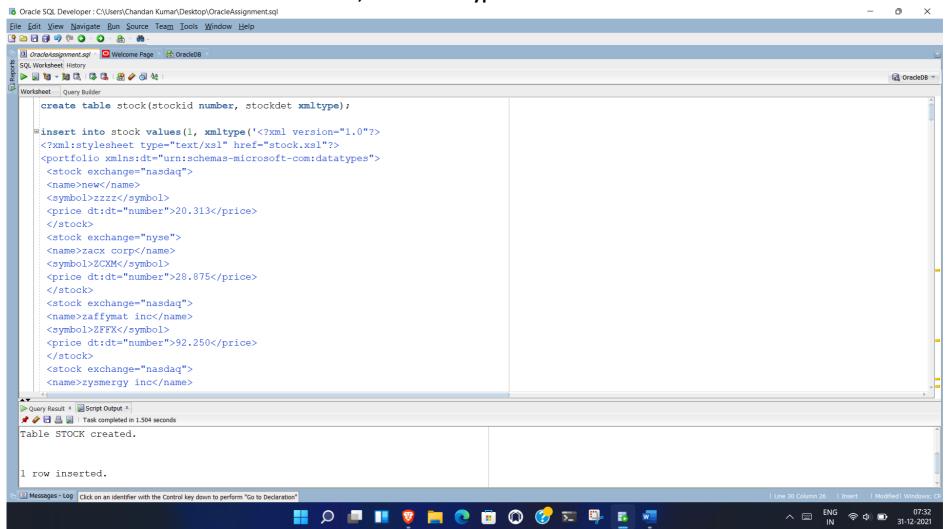
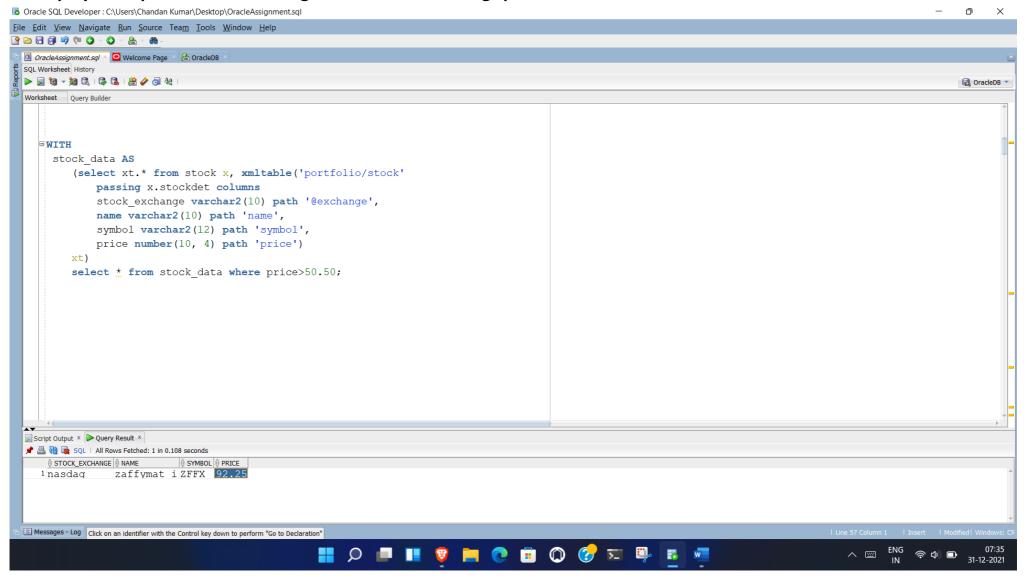
# DATABASE TECHNOLOGIES

## **Section - I**

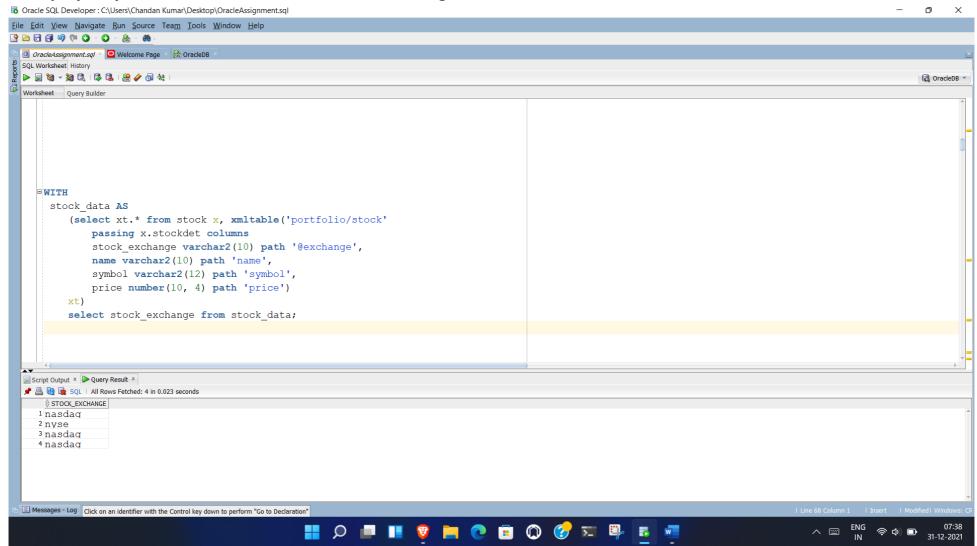
Create a table Stock with stockid number, stockdet xmltype. Insert values into the stock table as shown below.



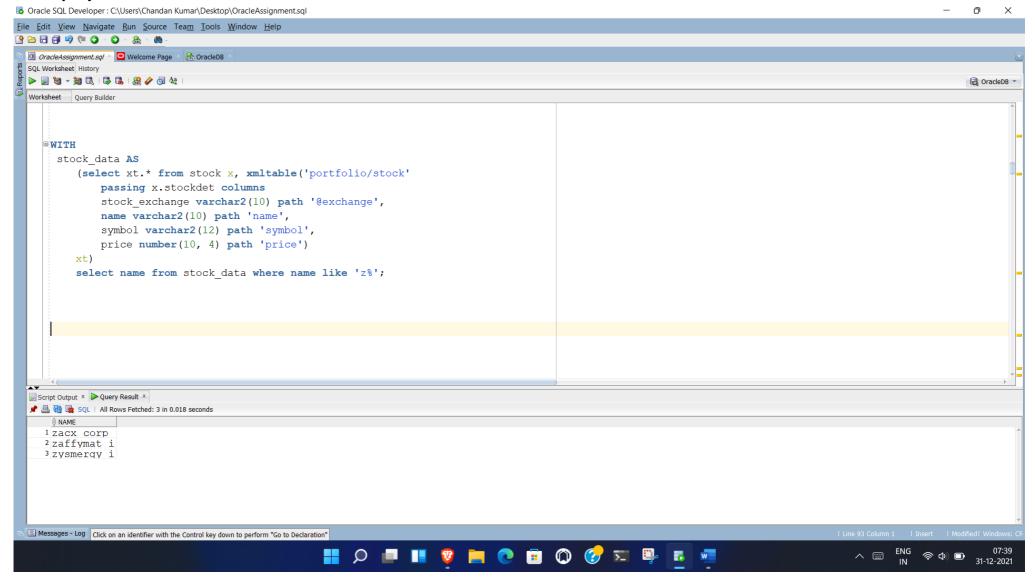
1. Display stock price whose value is greater than 50.50 using xpath.



2. Display only the attribute values of the Stock exchange.

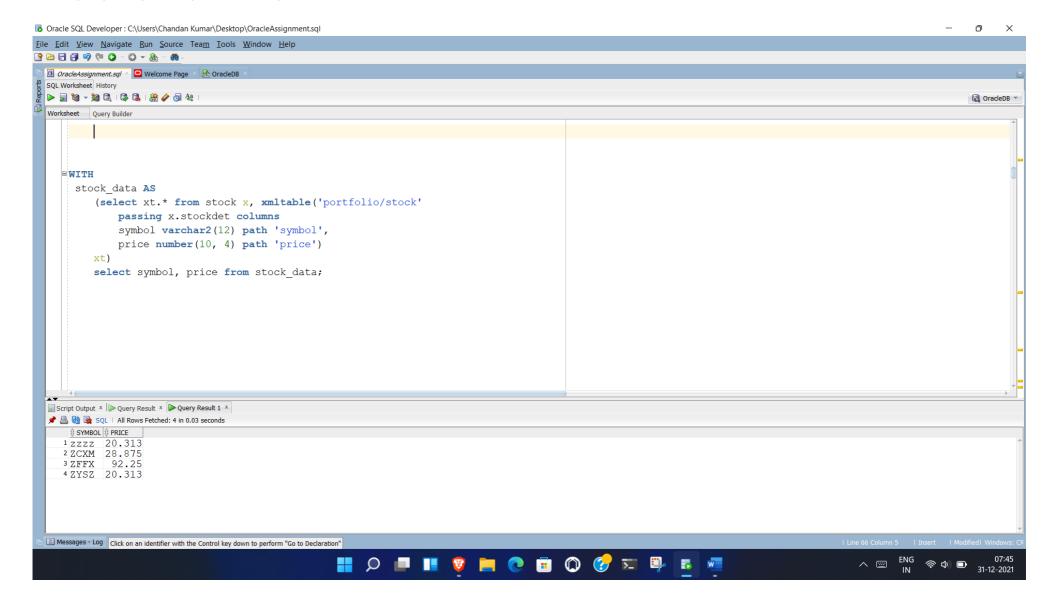


3. Display the name of the stock whose name starts with "z...".

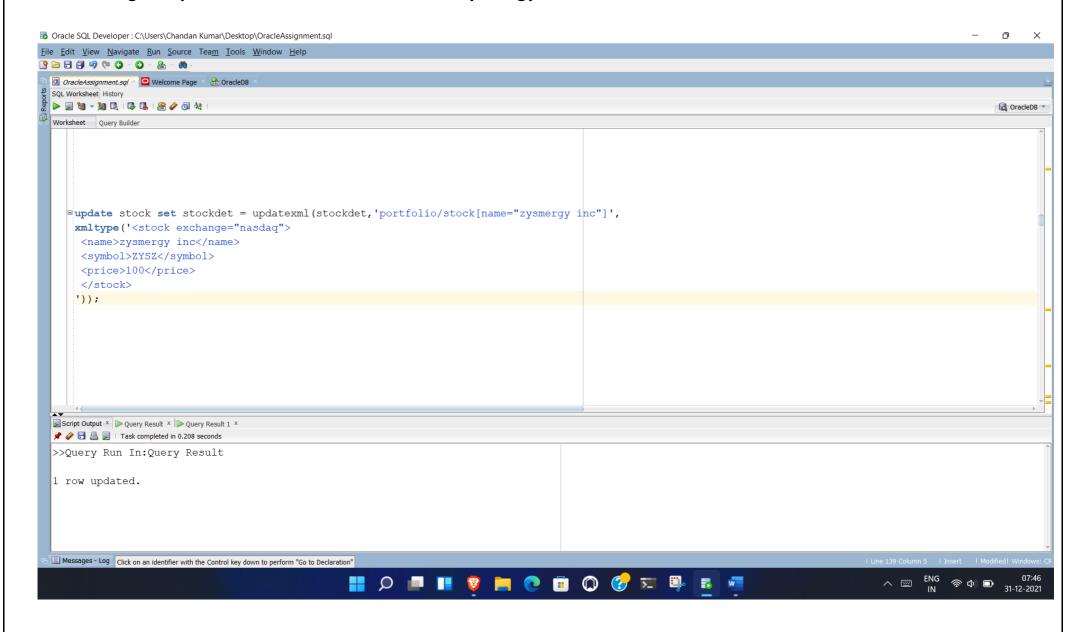


4. Display the all the elements of the stock. oracle SQL Developer: C:\Users\Chandan Kumar\Desktop\OracleAssignment.sql <u>File Edit View Navigate Run Source Team Tools Window Help</u> ■ View Value ☐ OracleAssignment.sql 
☐ Welcome Page 
☐ Contact Line Terminator: Platform Default SQL Worksheet History <?xml version="1.0"?> Worksheet Query Builder <?xml:stylesheet type="text/xsl" href="stock.xsl"?> <portfolio xmlns:dt="urn:schemas-microsoft-com:datatypes"> <stock exchange="nasdag"> <name>new</name> <symbol>zzzz</symbol> <price dt:dt="number">20.313</price> </stock> <stock exchange="nyse"> <name>zacx corp</name> <symbol>ZCXM</symbol> SET LONG 5000 <price dt:dt="number">28.875</price> SELECT x.stockdet.getClobVal() </stock> FROM stock x; <stock exchange="nasdag"> <name>zaffymat inc</name> <symbol>ZFFX</symbol> <price dt:dt="number">92.250</price> </stock> <stock exchange="nasdag"> <name>zysmergy inc</name> <symbol>ZYSZ</symbol> <price dt:dt="number">20.313</price> Script Output × Query Result × </stock> 🛂 遇 🙀 🙀 SQL | All Rows Fetched: 1 in 0.053 seconds </portfolio> X.STOCKDET.GETCLOBVAL() 1 </stock> Help Messages - Log Click on an identifier with the Control key down to perform "Go to Declaration" 🔡 🔎 🔎 🔢 🦁 🛅 💿 🗊 🚳 🍪 📧

### 5. Display only the symbol and price values.

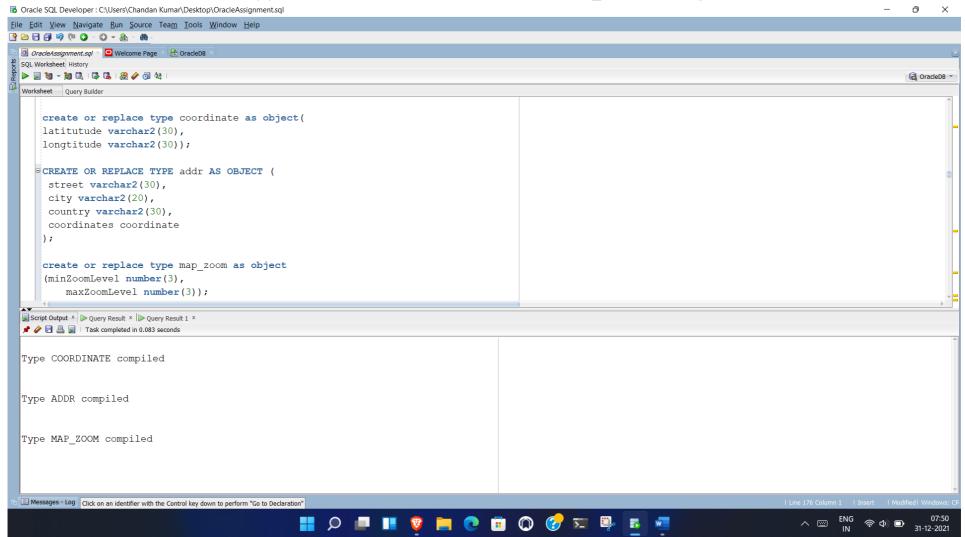


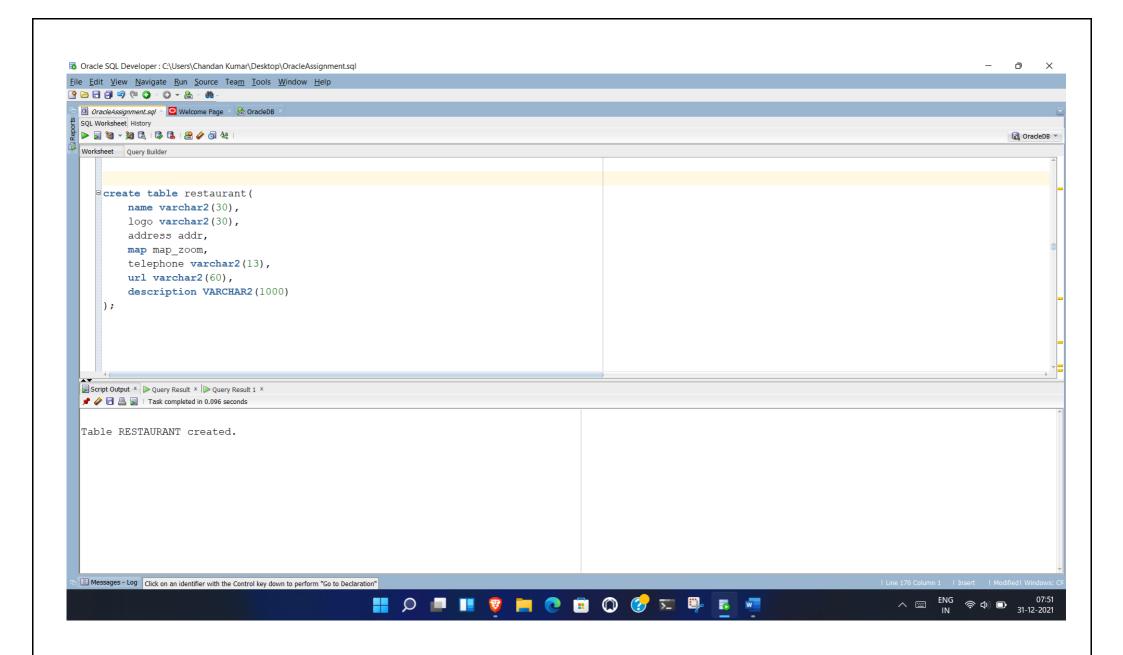
## 6. Change the price value of stock whose name is "zysmergy inc".

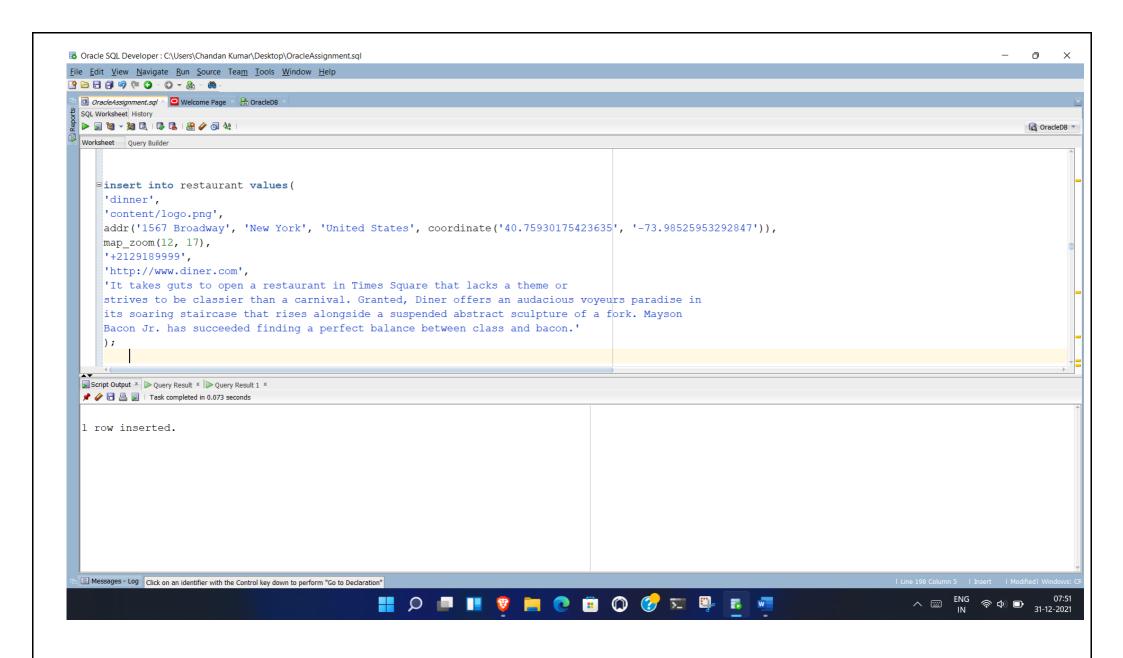


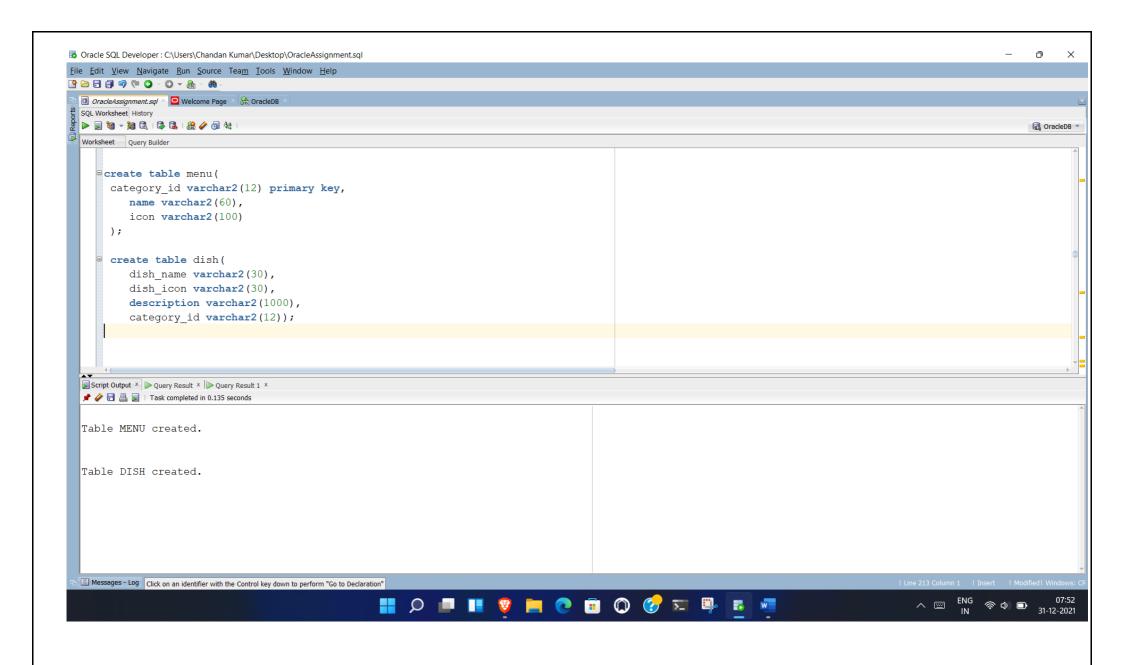
### **Section - II**

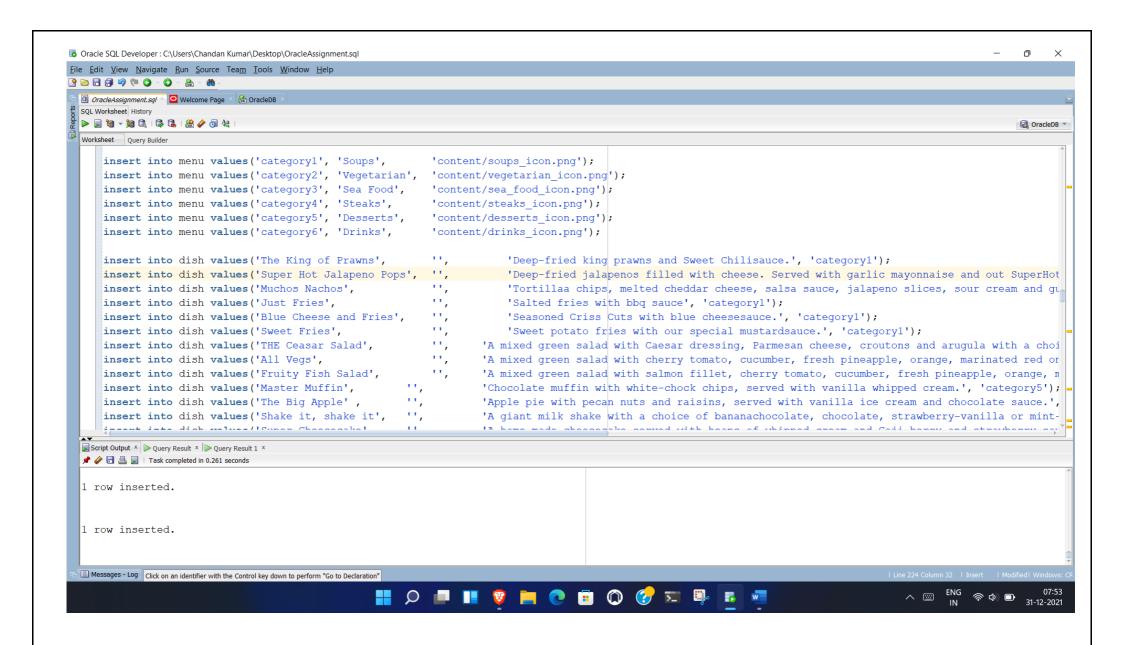
Convert RDBMS table into XMLtype. For the following Restaurant data. Create tables for restaurant and menu as per xml document shown below. Copy the restaurant information into the 'rest\_xmltab' using PL/SQL.



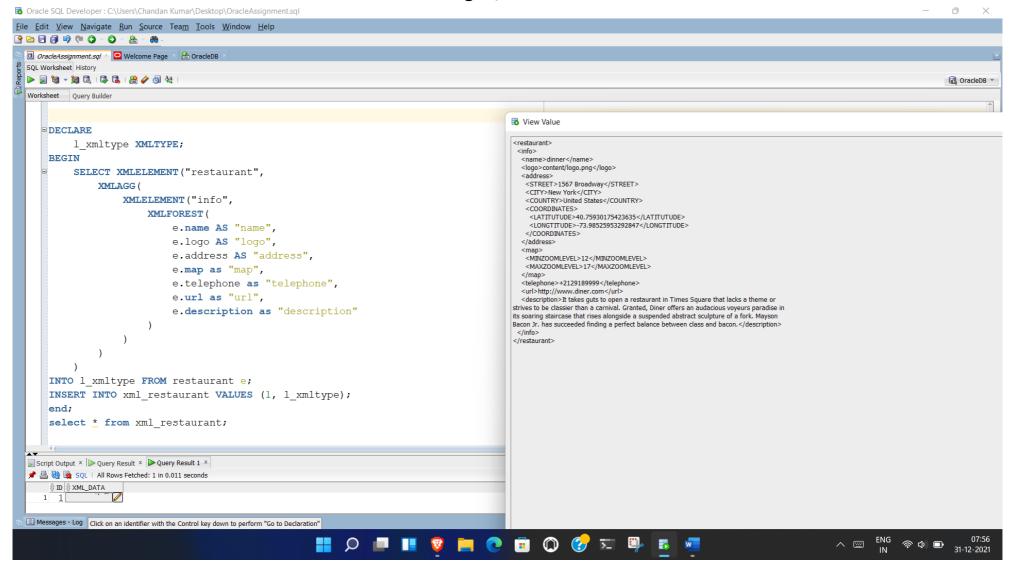




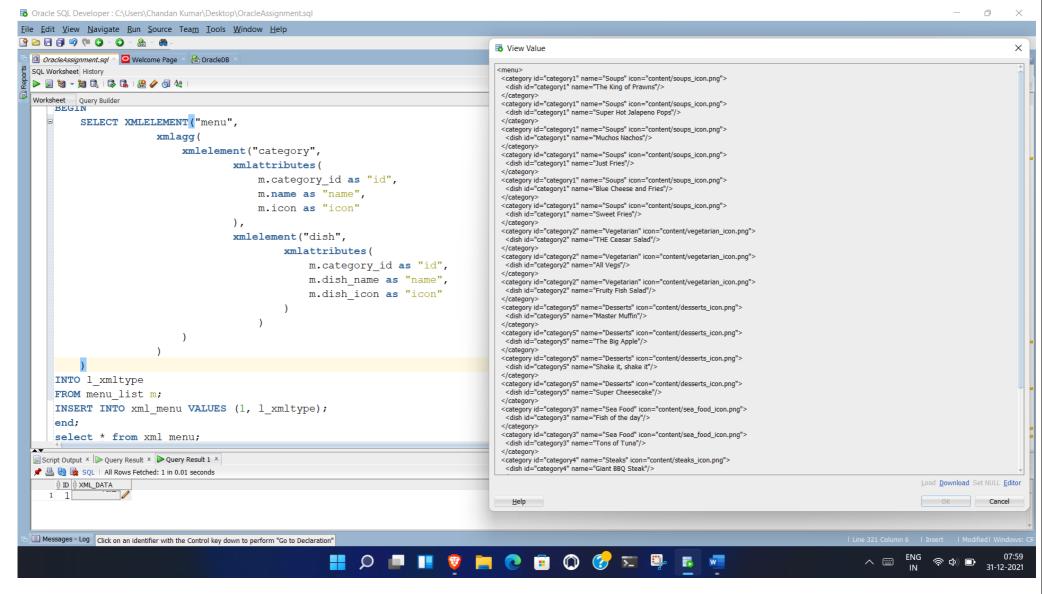




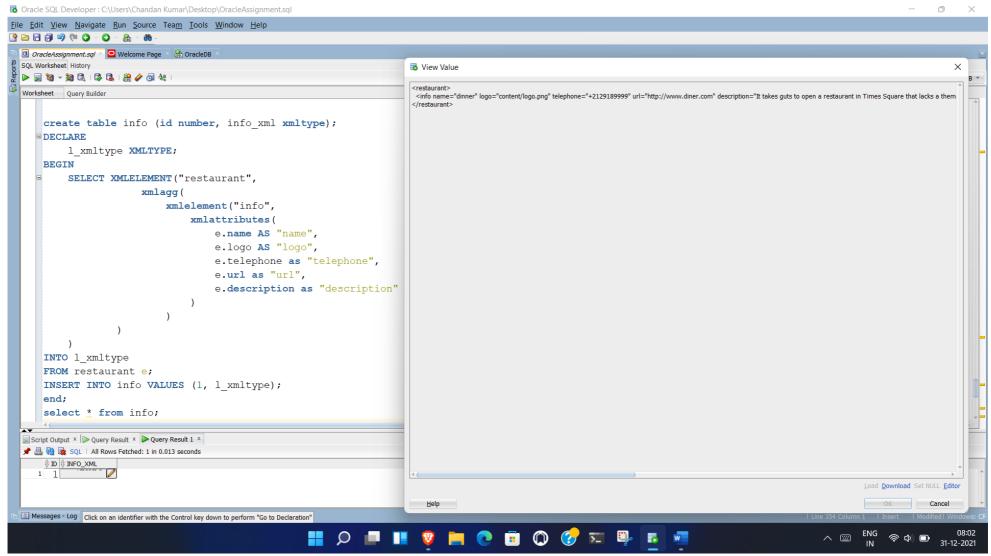
1. Retrieve the restaurant information into xml form using PL/SQL code



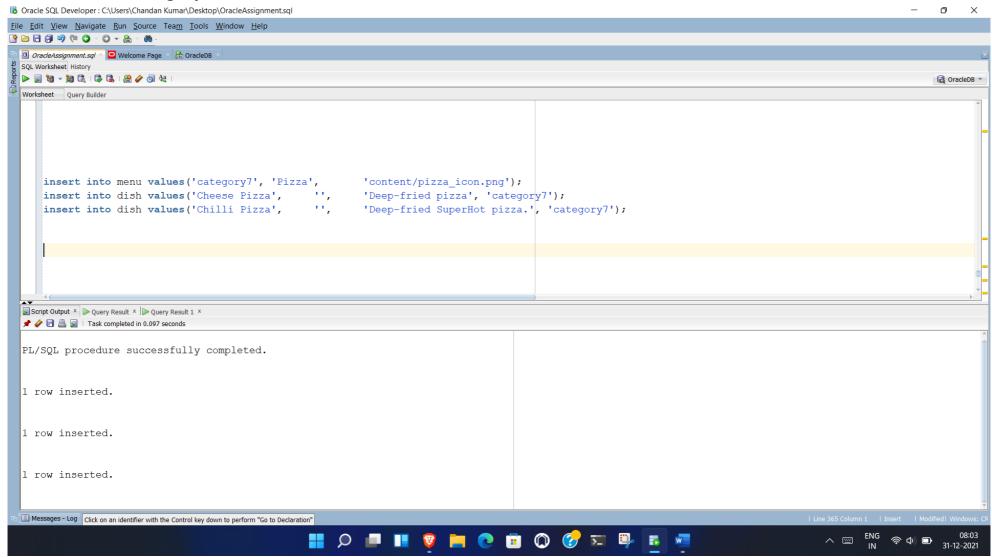
#### 2. Retrieve the menu details into xml column



3. Retrieve the info details of sub element as an attribute of info tag.



4. Insert a new category element with a set of dish names.



5. Update "category5" of dish name "Super Cheesecake" into "Super Cheese Sauce".

