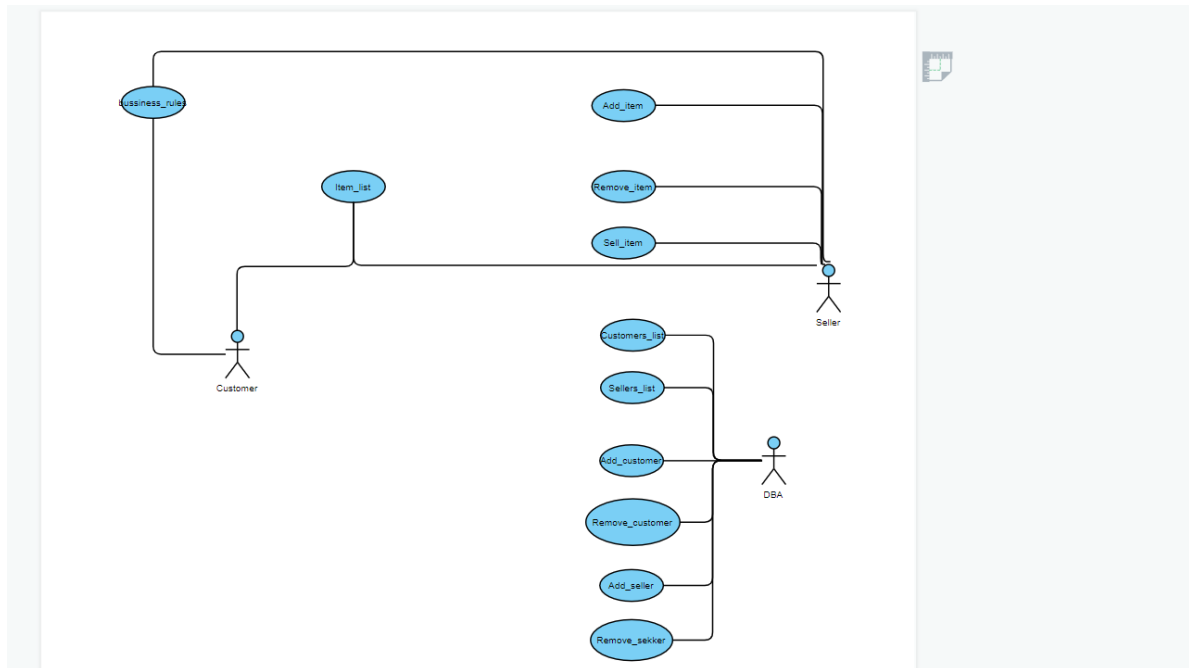


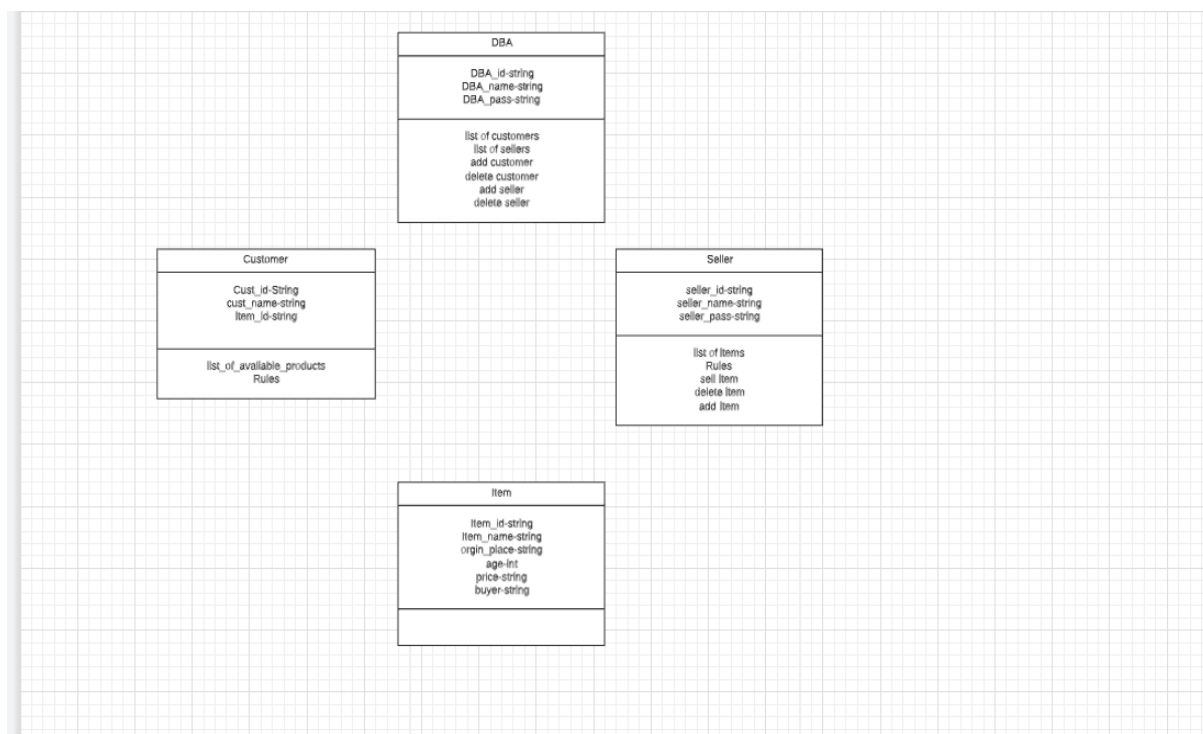
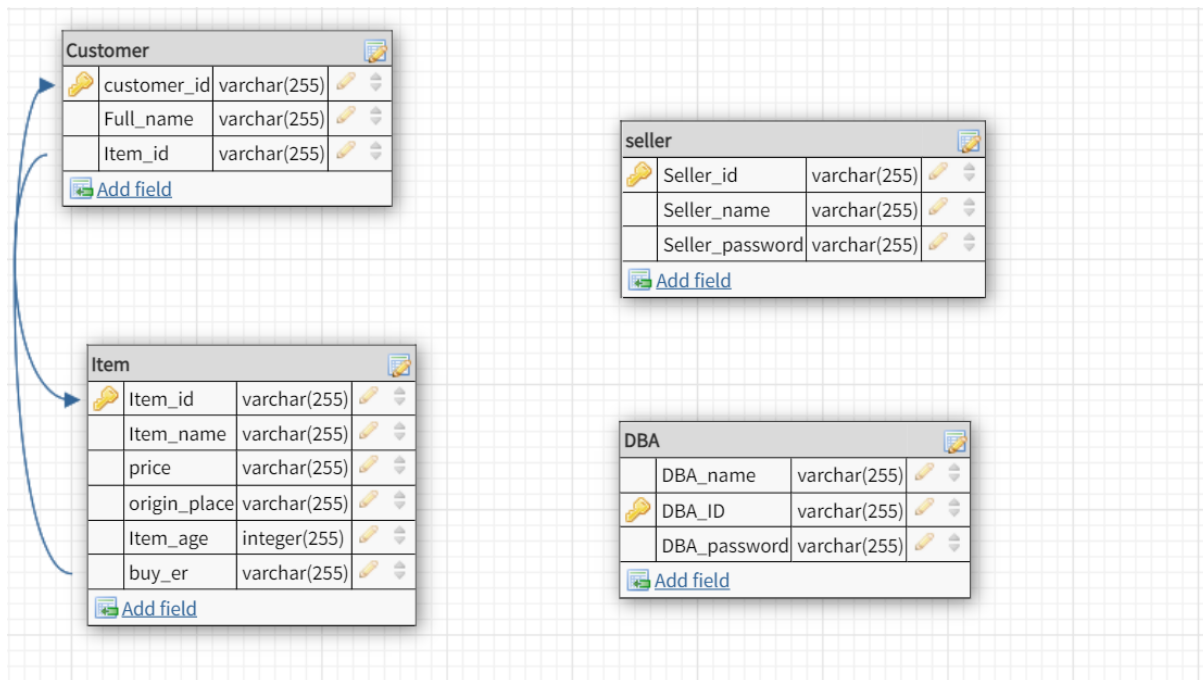
S.leelavamsikrishna IMT2020111

Session10_JDBC Project(Antiquemart)

Use Case Diagram



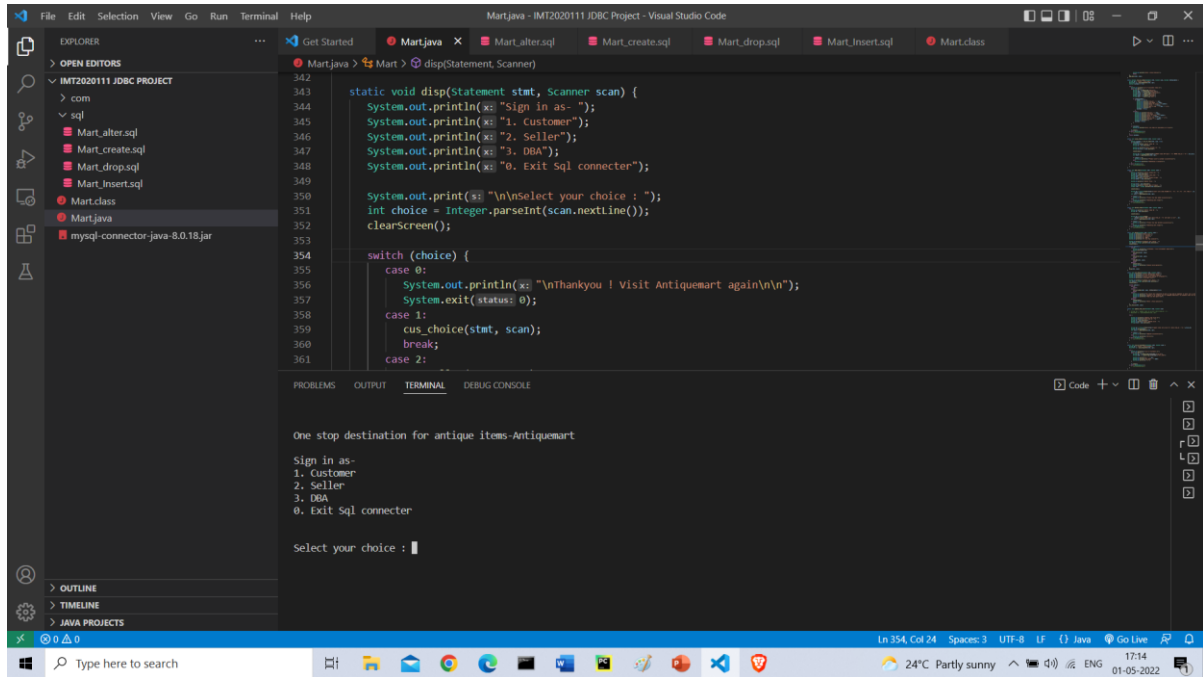
OR Mapping



UML diagram(Class diagram) (above)

Screen_shots:

Main_menu



The screenshot displays the Visual Studio Code interface for a Java project named 'Martjava'. The Explorer sidebar on the left shows the project structure, including a 'com' package with a 'sql' sub-package containing several SQL files and a 'Mart.class' file. The main editor window shows the 'Mart.java' file with the following code:

```
342
343
344 static void disp(statement stmt, Scanner scan) {
345     System.out.println("\nSign in as- ");
346     System.out.println("1. Customer");
347     System.out.println("2. Seller");
348     System.out.println("3. DBA");
349     System.out.println("0. Exit Sql connector");
350
351     System.out.print("\n\nselect your choice : ");
352     int choice = Integer.parseInt(scan.nextLine());
353     clearScreen();
354
355     switch (choice) {
356     case 0:
357         System.out.println("\nThankyou ! Visit Antiquemart again\n\n");
358         System.exit(status: 0);
359     case 1:
360         cus_choice(stmt, scan);
361         break;
362     case 2:
363         // ...
364     }
```

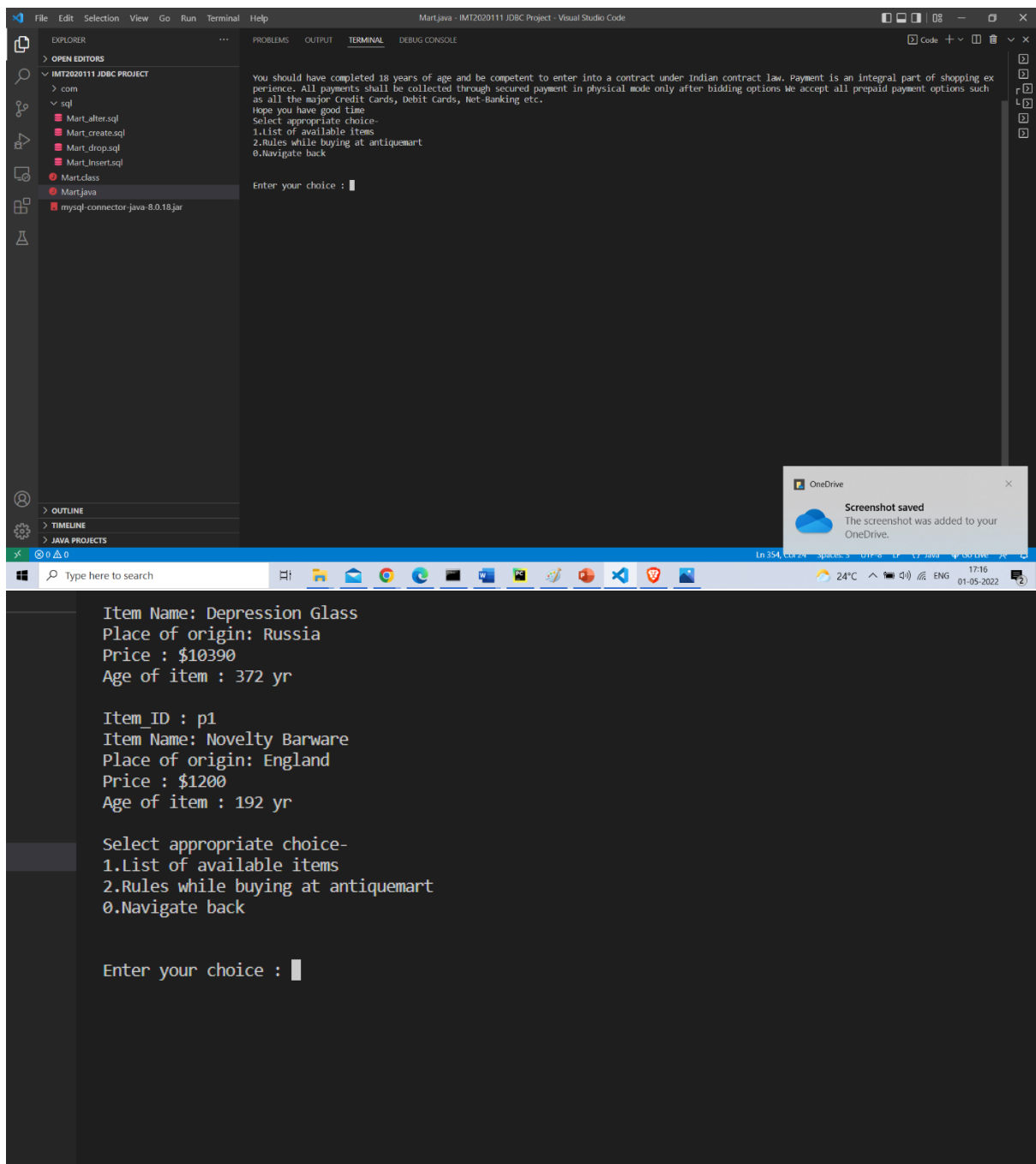
The TERMINAL panel at the bottom shows the program's output:

```
One stop destination for antique items-Antiquemart

Sign in as-
1. Customer
2. Seller
3. DBA
0. Exit Sql connector

Select your choice : |
```

The status bar at the bottom indicates the file is at line 354, column 24, with 3 spaces, UTF-8 encoding, and LF line endings. The system tray shows the date and time as 01-05-2022, 17:14.



Seller_menu

```
File Edit Selection View Go Run Terminal Help
Mart.java - IMT2020111 JDBC Project - Visual Studio Code

EXPLORER
> OPEN EDITORS
IMT2020111 JDBC PROJECT
> com
  > sql
    Mart_create.sql
    Mart_drop.sql
    Mart_Insert.sql
  Mart.class
  Mart.java
  mysql-connector-java-8.0.18.jar

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE
Please select appropriate option-
1. List of all items
2. List of available items
3. Sell a item
4. Add a item
5. Delete a item
6. Update price of item
0. Navigate back

Enter your choice: 
```

```
com
  sql
    Mart_create.sql
    Mart_drop.sql
    Mart_Insert.sql
  Mart.class
  Mart.java
  mysql-connector-java-8.0.18.jar

Item_ID : h1
Item Name: Depression Glass
Place of origin: Russia
Price : $10390
Age of item : 372 yr
Customer_id : null

Item_ID : p1
Item Name: Novelty Barware
Place of origin: England
Price : $1200
Age of item : 192 yr
Customer_id : null

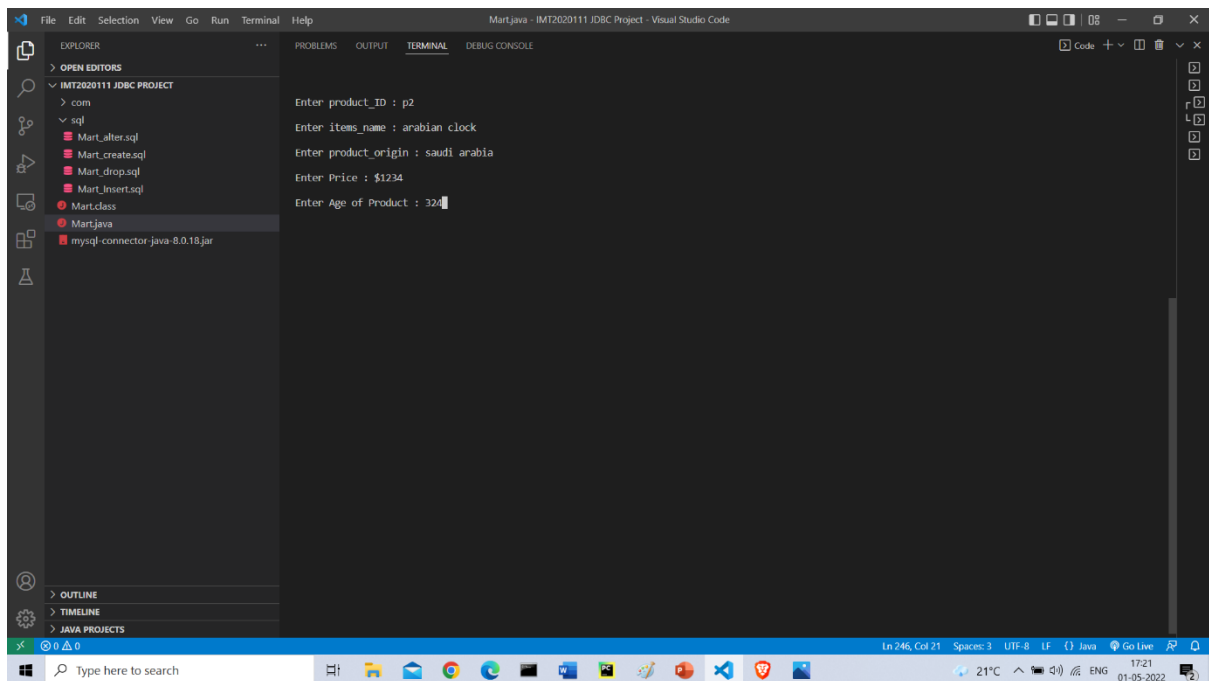
Item_ID : q1
Item Name: Flutotin
Place of origin: Nigeria
Price : $432
Age of item : 123 yr
Customer_id : 5

Item_ID : w1
Item Name: wood
Place of origin: india
Price : $32
Age of item : 123 yr
Customer_id : 2

Item_ID : z1
Item Name: Kohinoor
Place of origin: India
Price : $35000
Age of item : 2901 yr
Customer_id : 1

Please select appropriate option-
1. List of all items
2. List of available items
3. Sell a item
4. Add a item
5. Delete a item
6. Update price of item
0. Navigate back
```

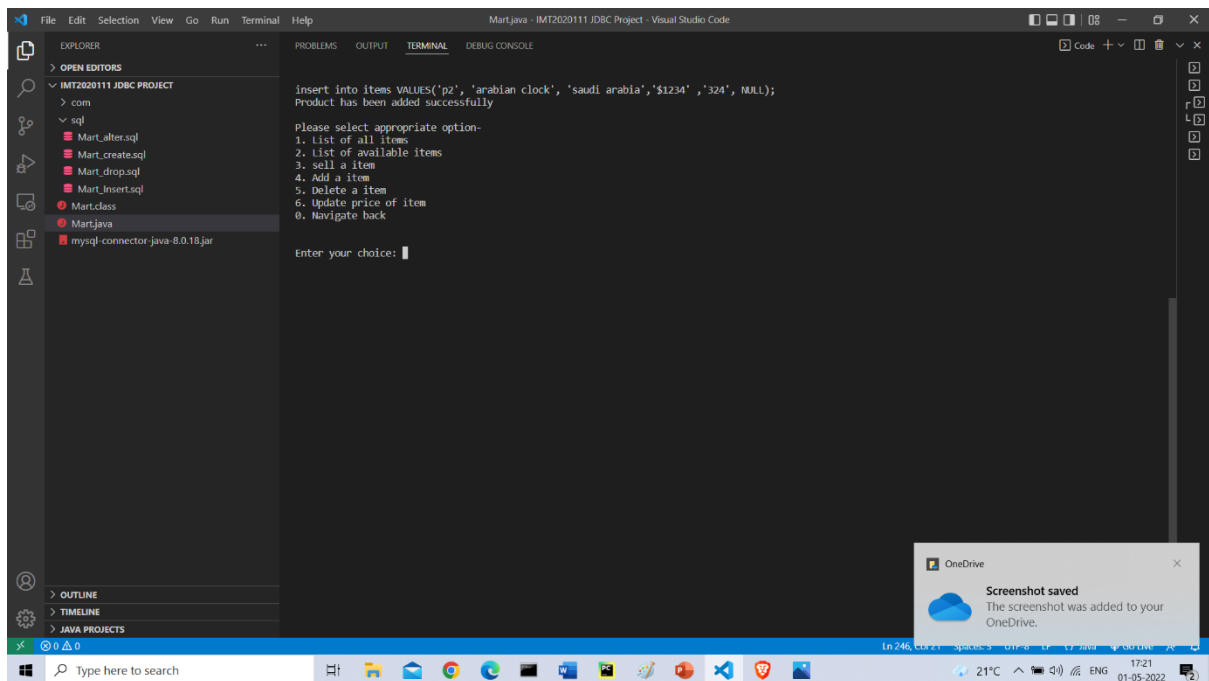
Add_item



The screenshot shows the Visual Studio Code interface with the 'Mart.java' file open in the editor. The terminal window displays the following prompts and user input:

```
Enter product_ID : p2
Enter items_name : arabian clock
Enter product_origin : saudi arabia
Enter Price : $1234
Enter Age of Product : 324
```

The Explorer sidebar on the left shows the project structure, including files like 'Mart.class', 'Mart.java', and 'mysql-connector-java-8.0.18.jar'. The status bar at the bottom indicates the current line is 246, column 21.



The screenshot shows the Visual Studio Code interface with the 'Mart.java' file open in the editor. The terminal window displays the following prompts and user input:

```
insert into items VALUES('p2', 'arabian clock', 'saudi arabia', '$1234', '324', NULL);
Product has been added successfully

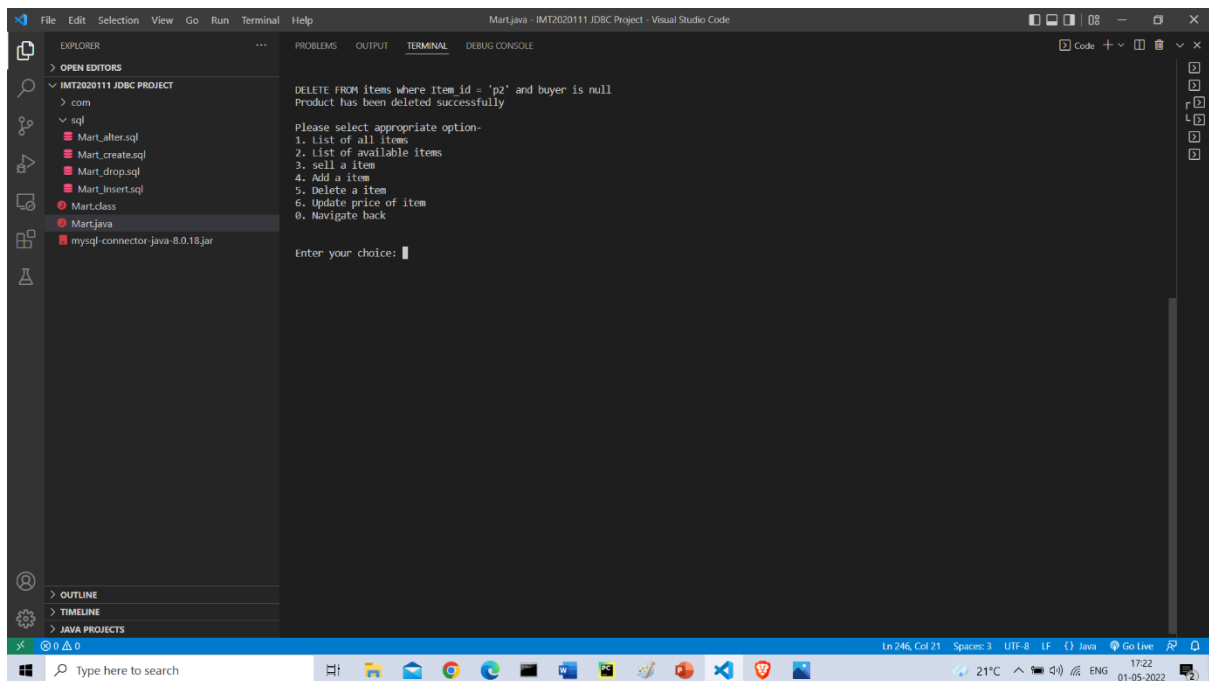
Please select appropriate option-
1. List of all items
2. List of available items
3. sell a item
4. Add a item
5. Delete a item
6. Update price of item
0. Navigate back

Enter your choice: 4
```

The Explorer sidebar on the left shows the project structure, including files like 'Mart.class', 'Mart.java', and 'mysql-connector-java-8.0.18.jar'. The status bar at the bottom indicates the current line is 246, column 21.

A OneDrive notification is visible in the bottom right corner, stating: "Screenshot saved. The screenshot was added to your OneDrive."

Delete_item



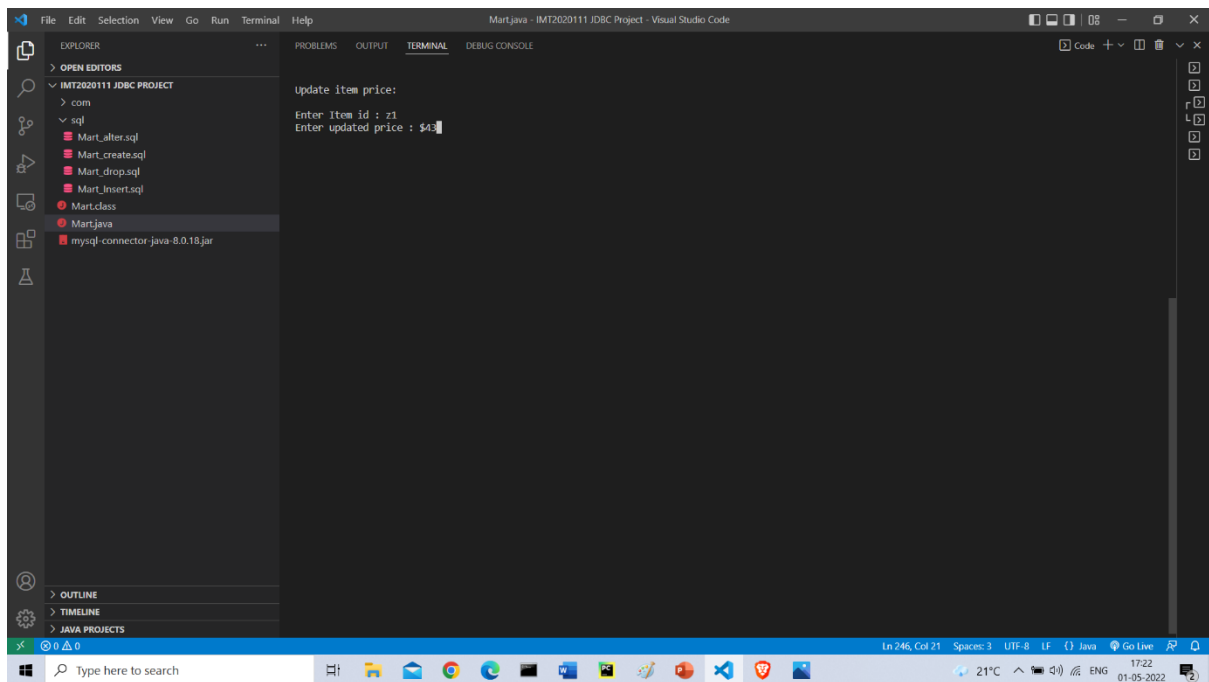
The screenshot shows the Visual Studio Code interface with the Explorer, Search, and Run and Debug panels. The Explorer panel shows the project structure for 'IMT2020111 JDBC Project'. The Search panel shows the results of a search for 'Delete'. The Run and Debug panel shows the execution of the 'Mart.java' file. The output window displays the following text:

```
DELETE FROM items where Item_id = 'p2' and buyer is null
Product has been deleted successfully

Please select appropriate option-
1. List of all items
2. List of available items
3. sell a item
4. Add a item
5. Delete a item
6. Update price of item
0. Navigate back

Enter your choice: 
```

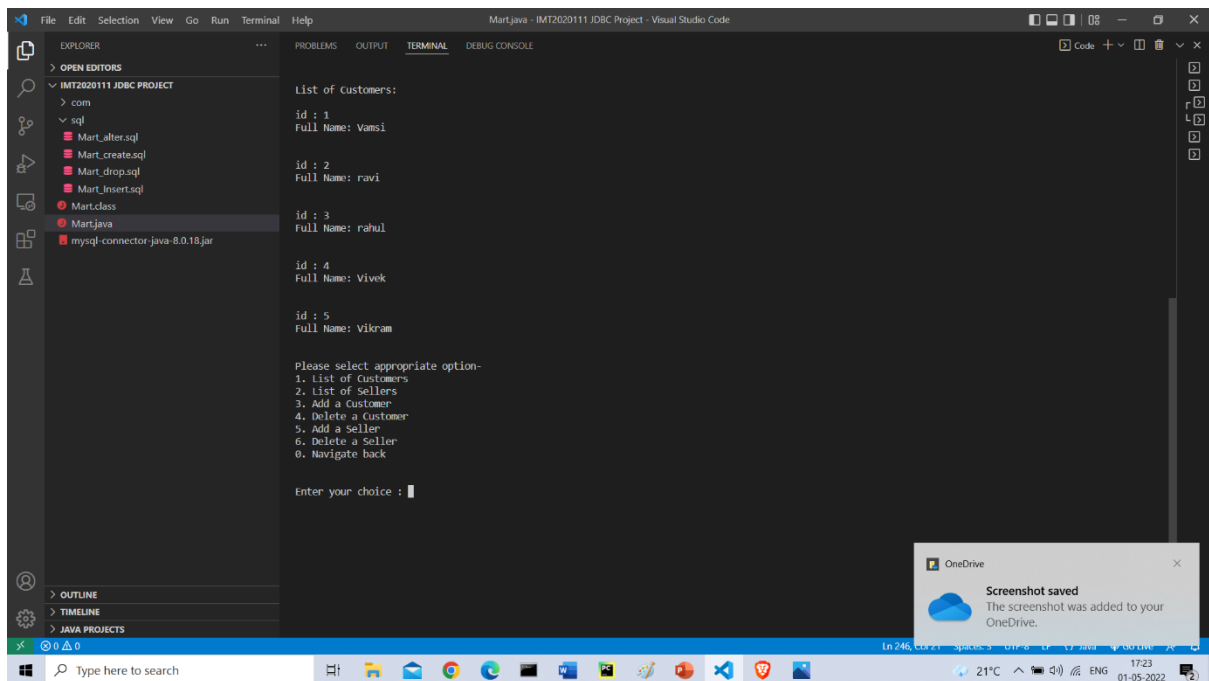
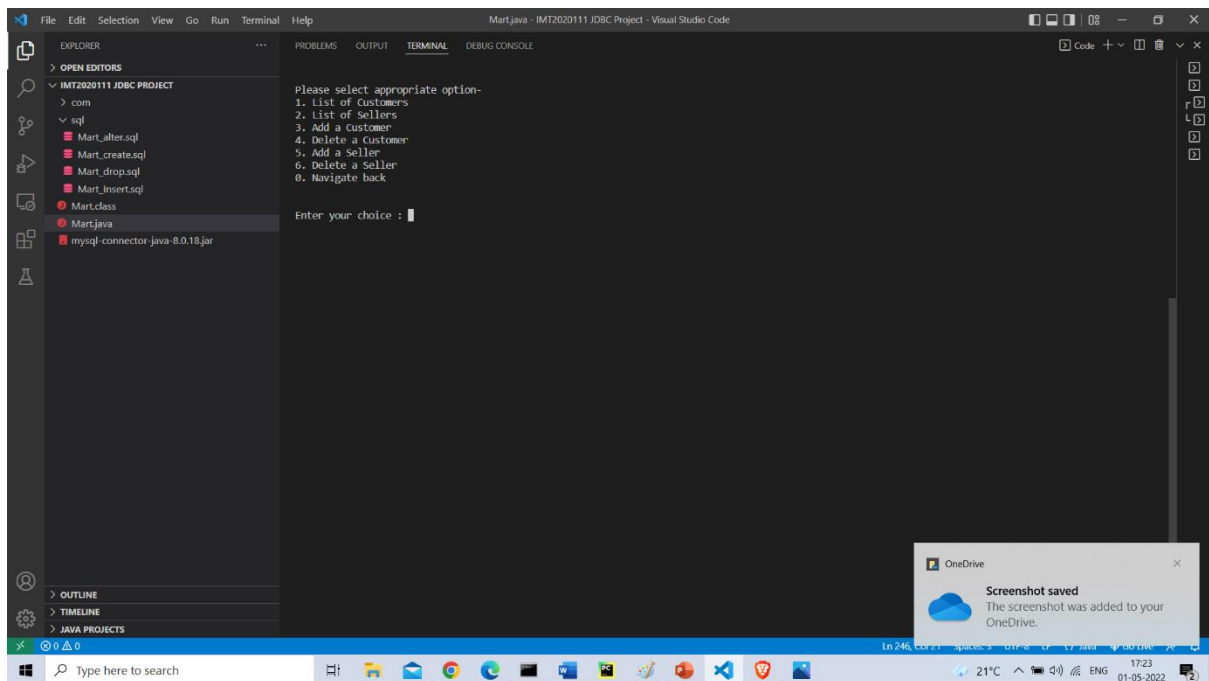
Update_price



The screenshot shows the Visual Studio Code interface with the Explorer, Search, and Run and Debug panels. The Explorer panel shows the project structure for 'IMT2020111 JDBC Project'. The Search panel shows the results of a search for 'Update'. The Run and Debug panel shows the execution of the 'Mart.java' file. The output window displays the following text:

```
Update item price:
Enter Item id : z1
Enter updated price : $43
```

DBA_menu



Similarly as seller can add_item /delete_item

Dbas can add/delete customers/sellers.

EXIT

