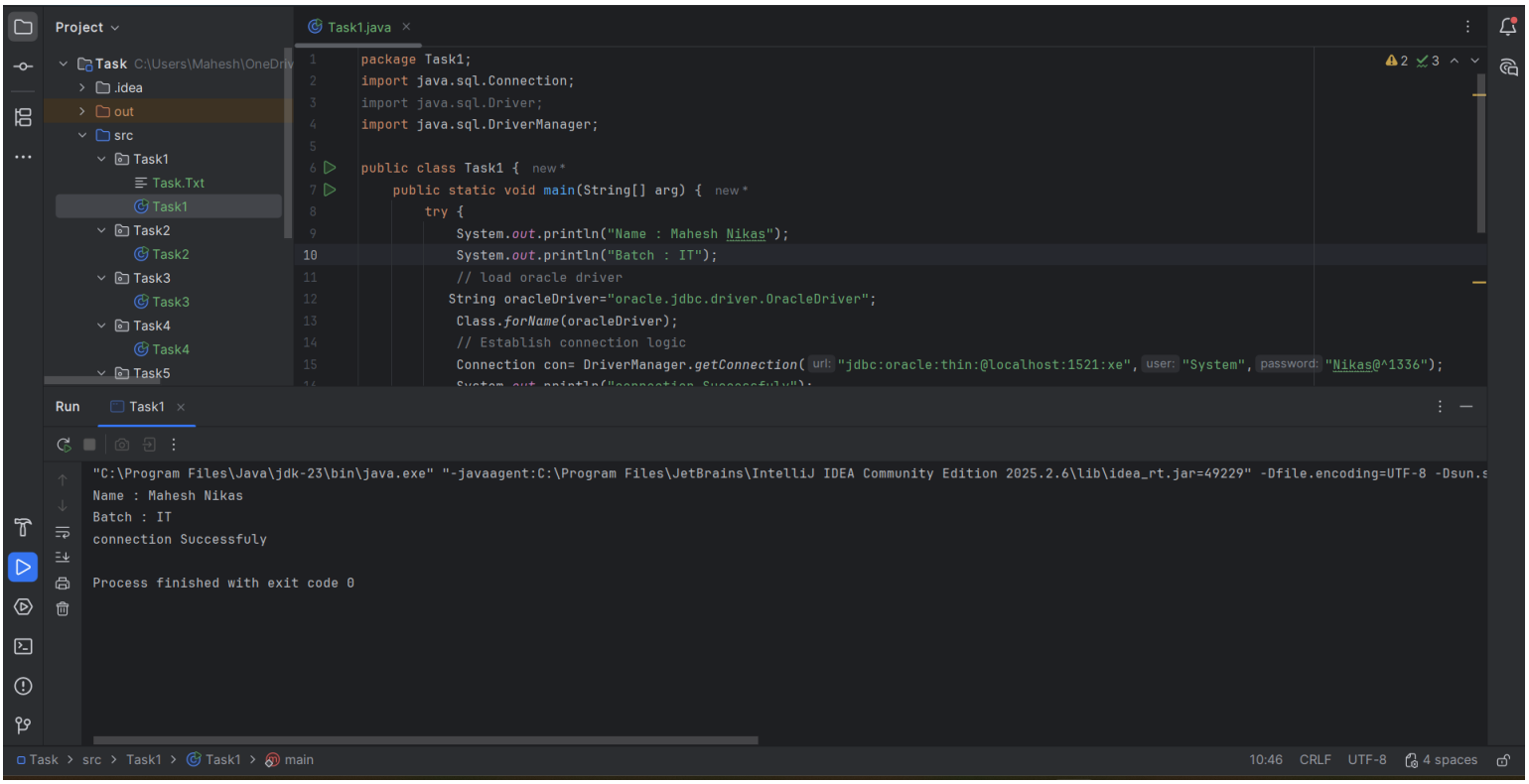


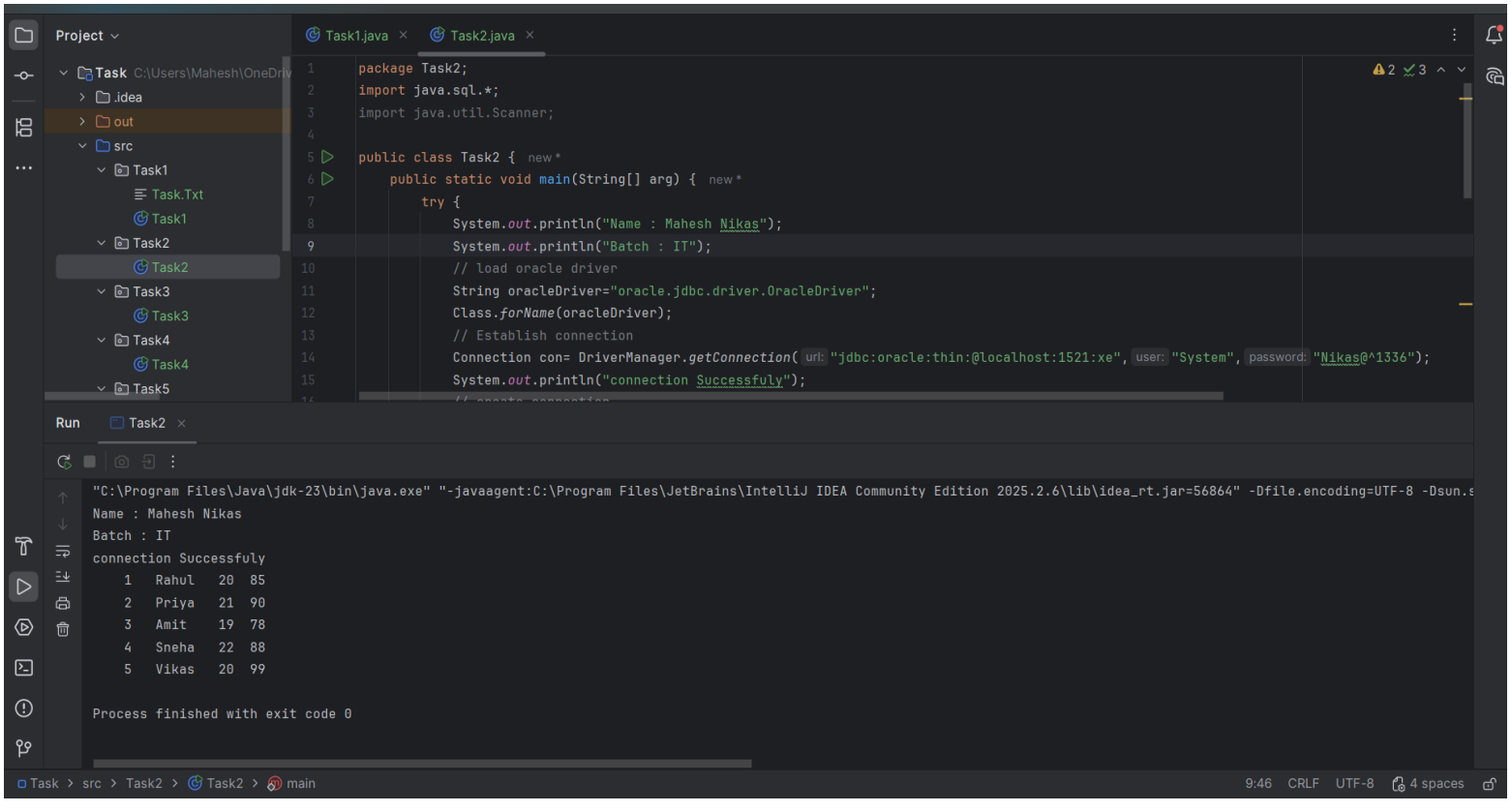
Task 1 Explanation:

- Loads Oracle JDBC Driver using Class.forName().

- Establishes connection with Oracle database using DriverManager.getConnection().

- Verifies database connectivity.

Sample Input Used: No user input



Task 7

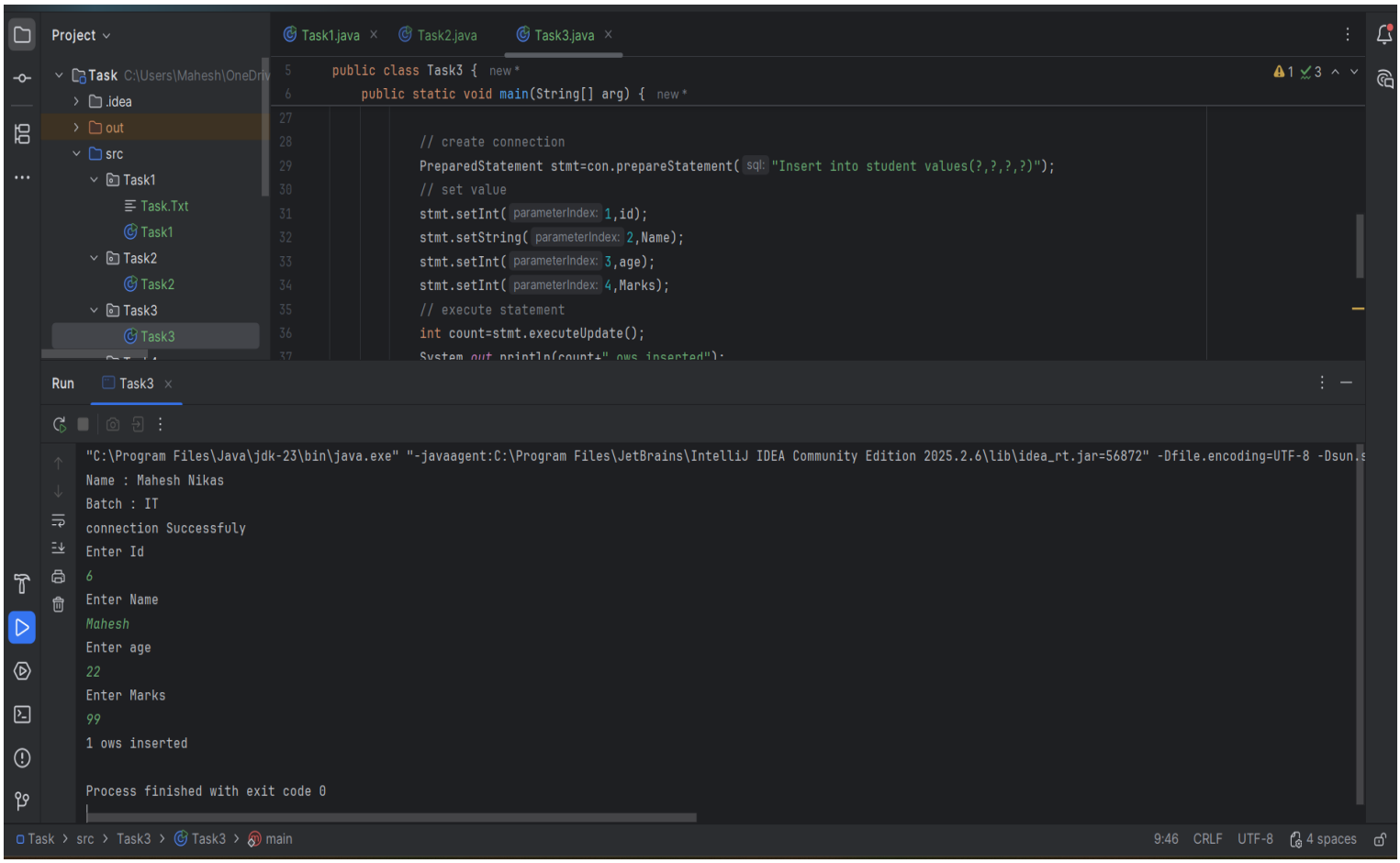
2 Task Explanation:

- Creates JDBC connection.

- Executes SELECT query using Statement.

- Uses ResultSet to fetch and display all student records.

Sample Input Used: No user input



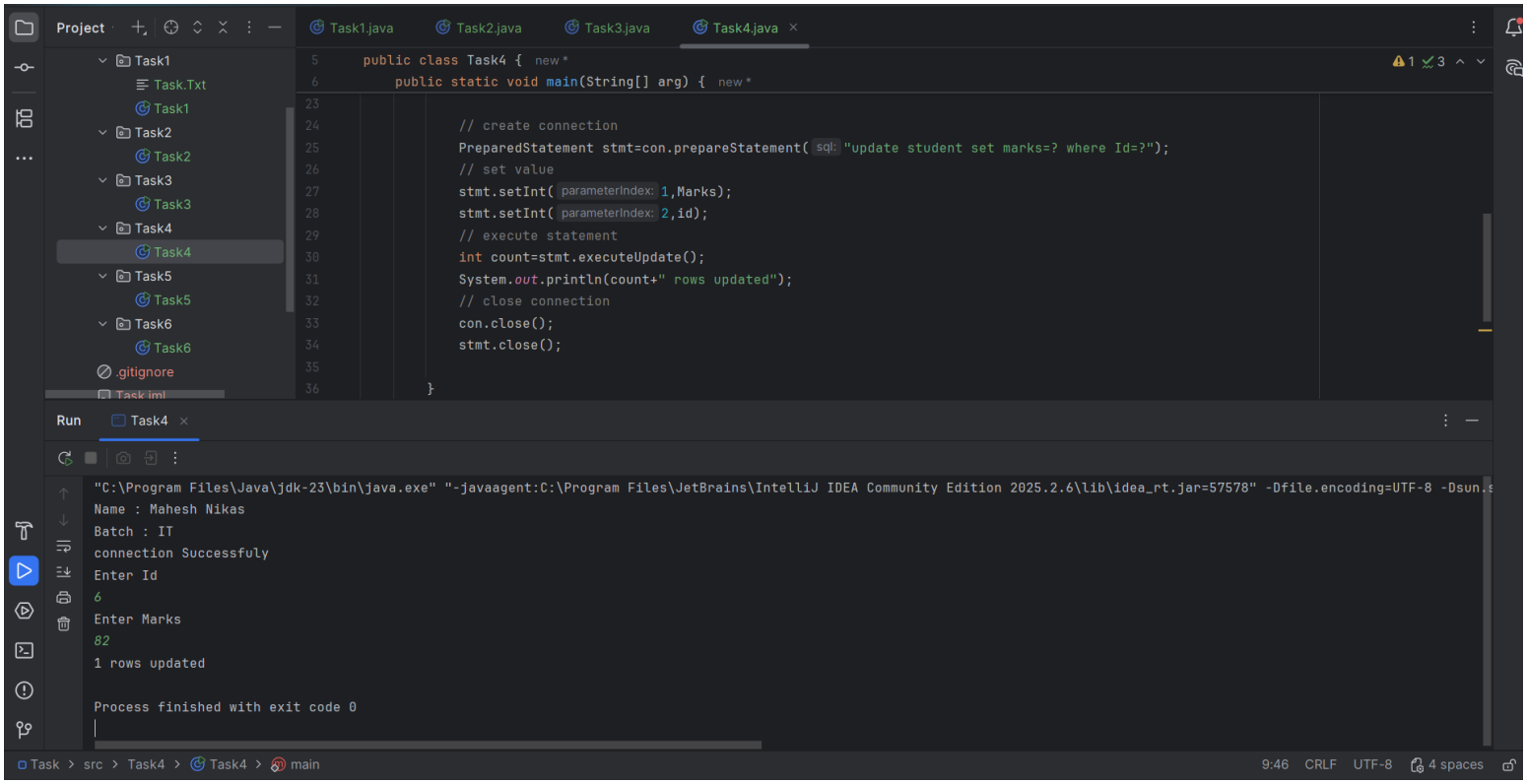
3 Task Explanation:

- Uses PreparedStatement with INSERT query.

- Accepts Id, Name, Age, Marks from user.

- Executes executeUpdate() to insert record.

Sample Input Used: Id=6, Name=Mahesh, Age=22, Marks=99



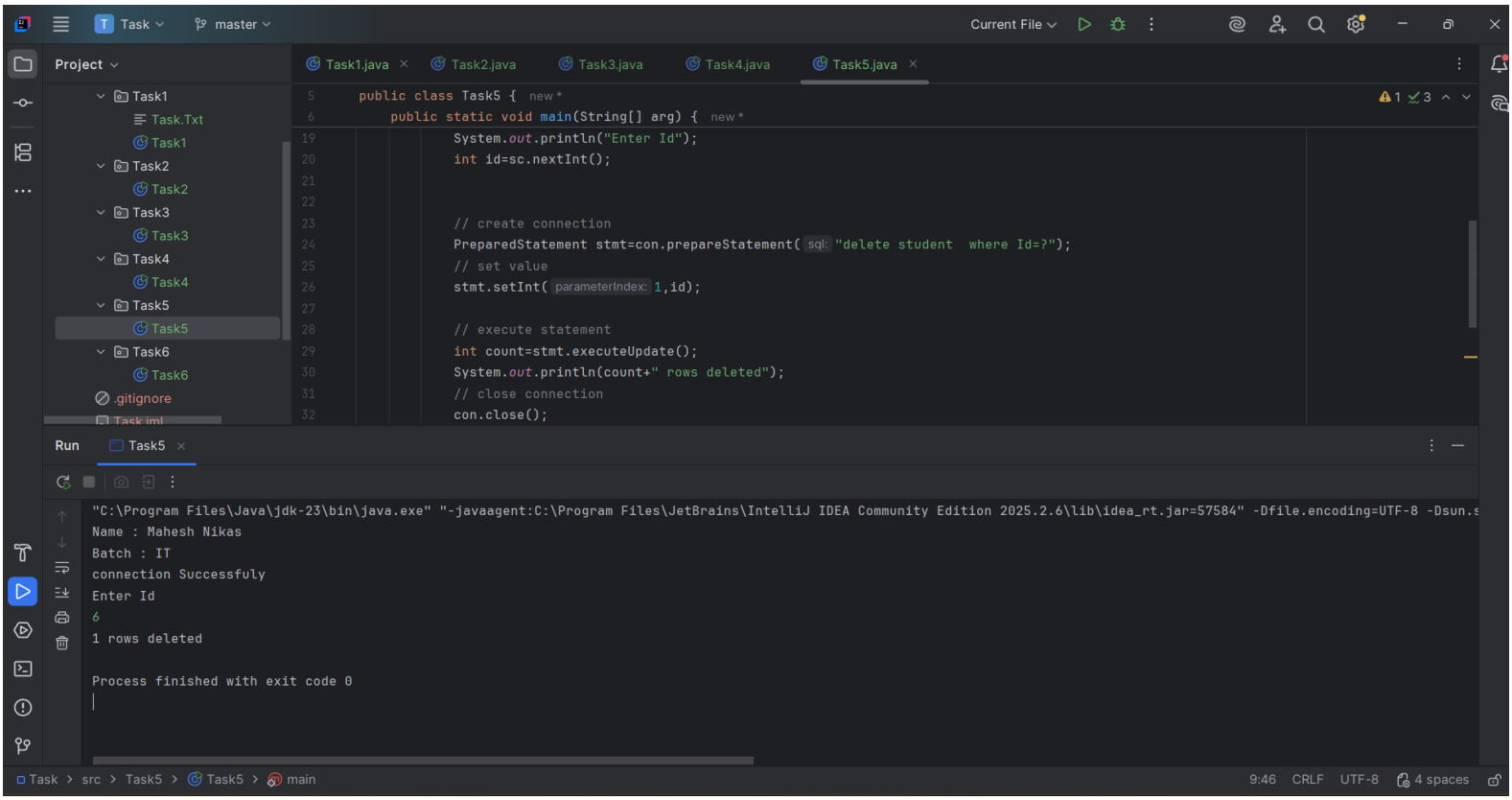
4 Task Explanation:

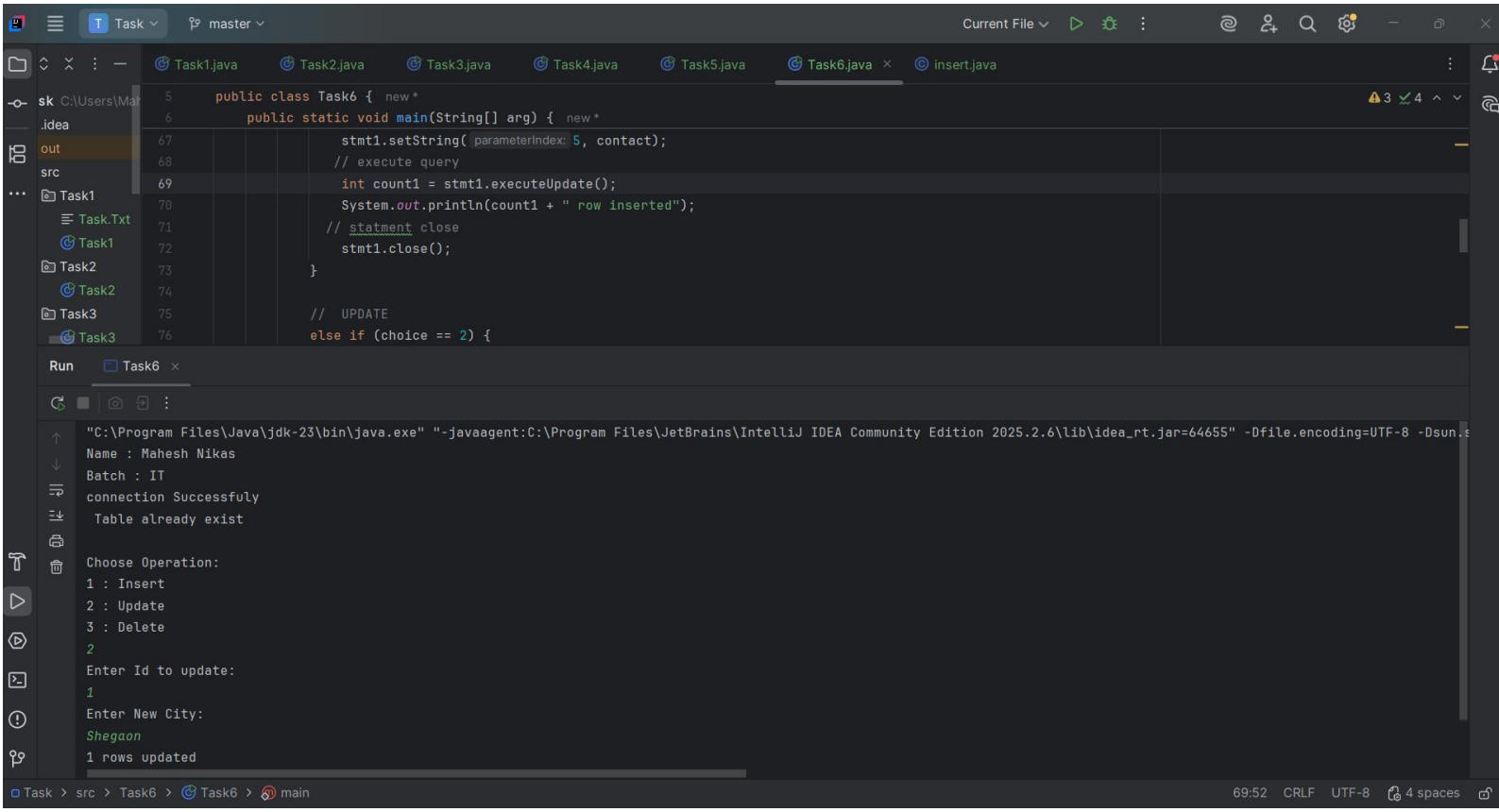
- Uses PreparedStatement with UPDATE query.

- Accepts Id and new Marks from user.

- Updates record safely using parameters.

Sample Input Used: Id=6, Marks=82





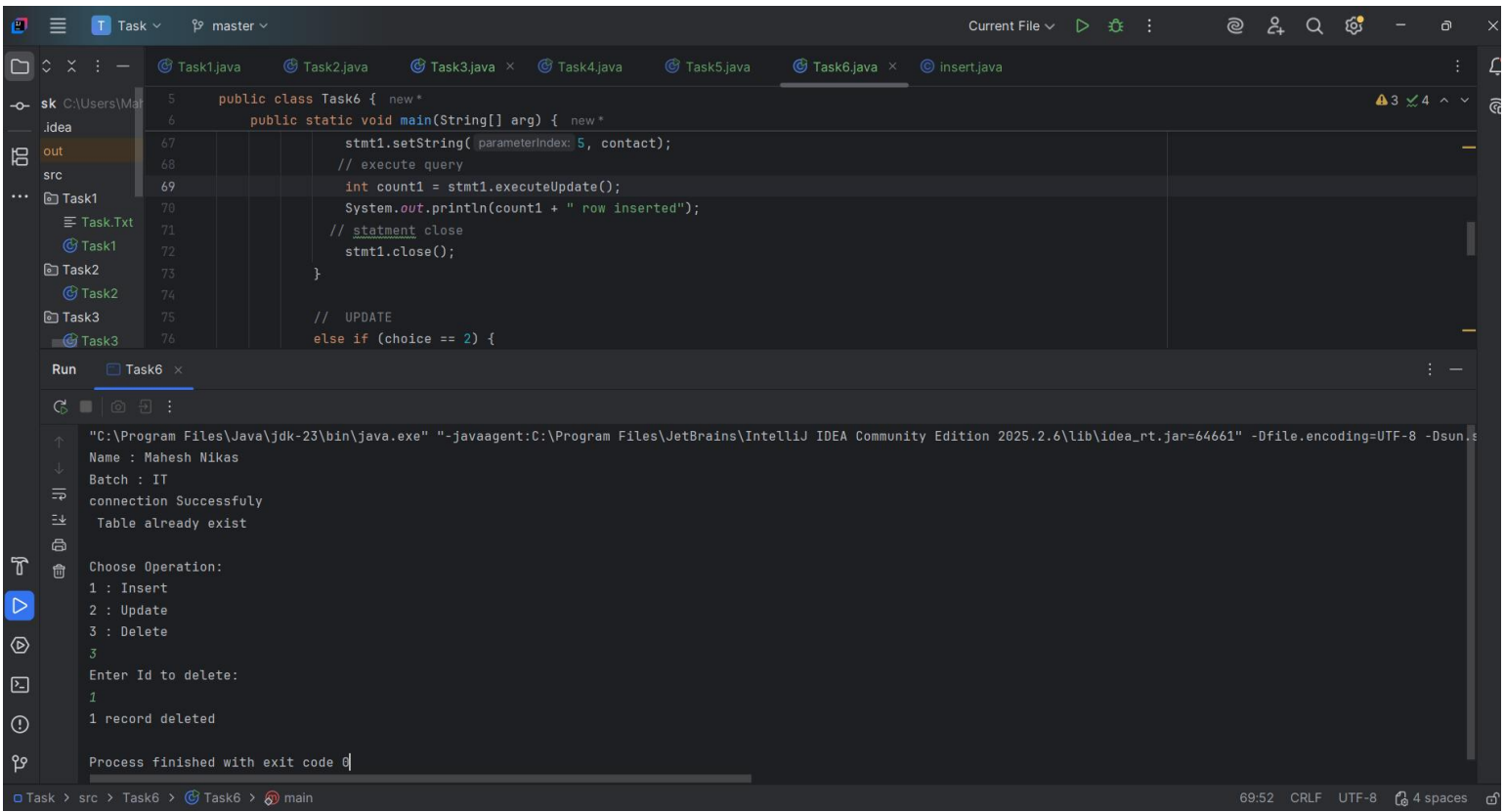
5 Task Explanation:

- Uses PreparedStatement with DELETE query.

- Accepts Id from user.

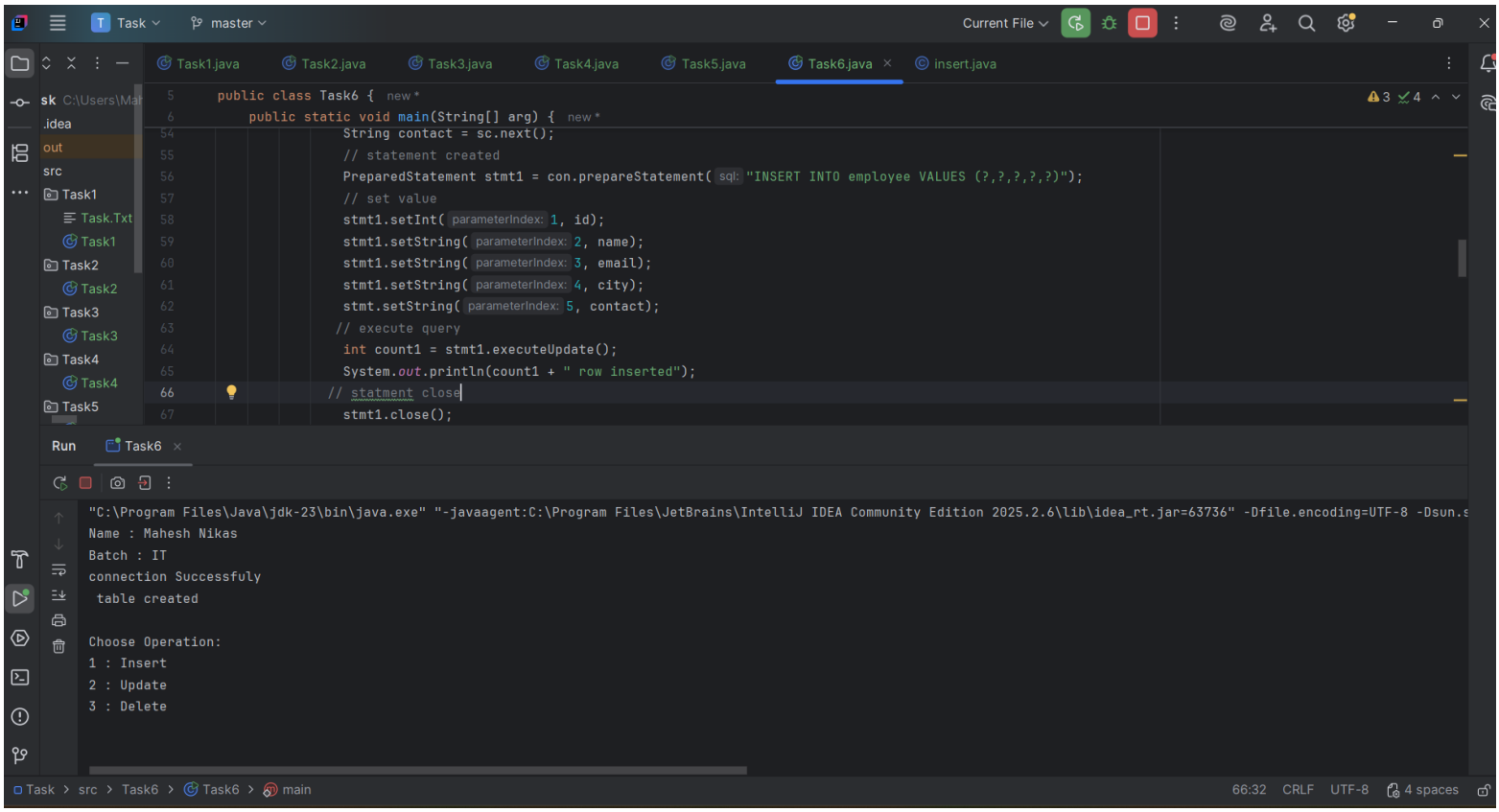
- Deletes student record based on Id.

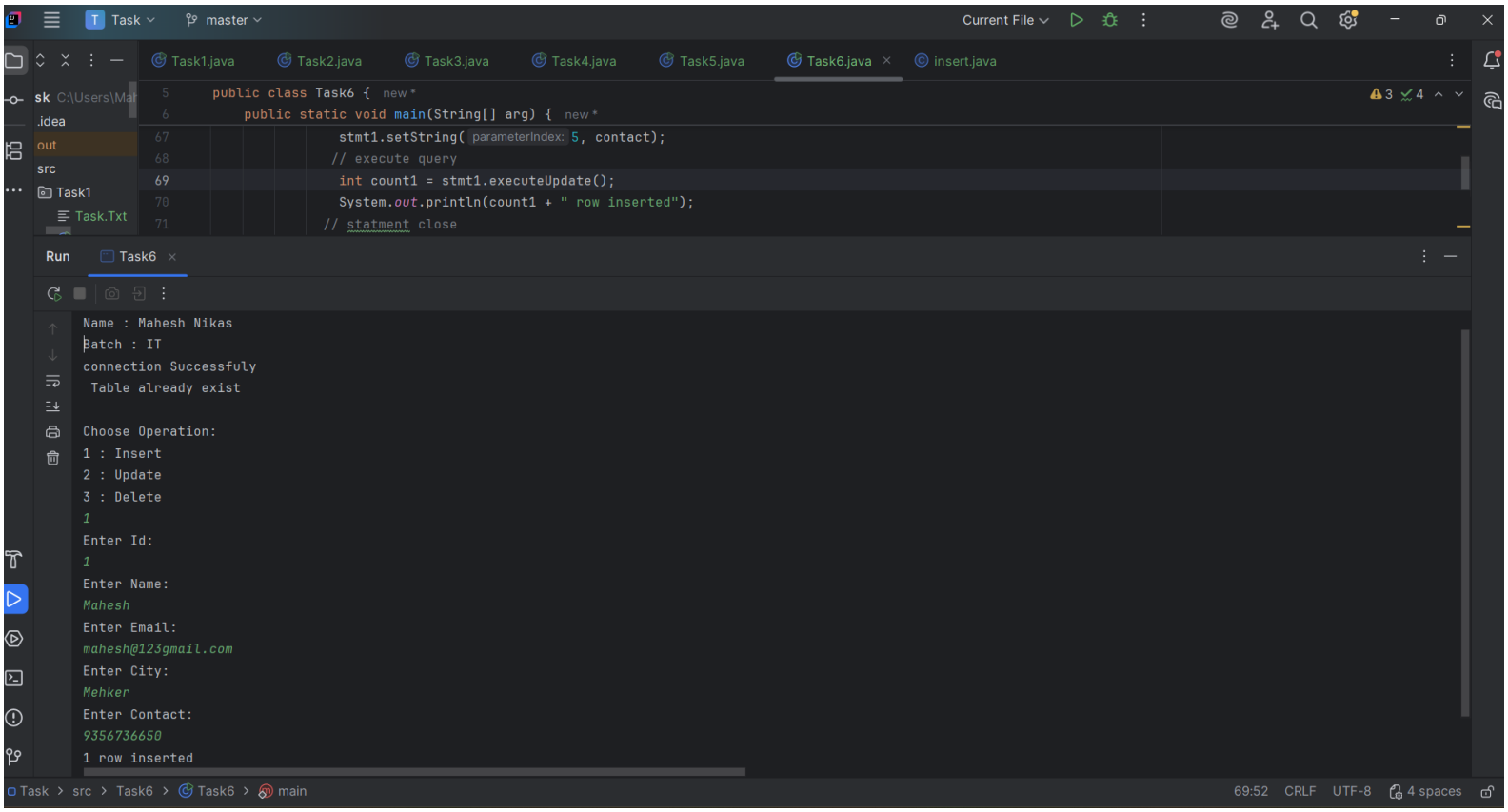
Sample Input Used: Id=6

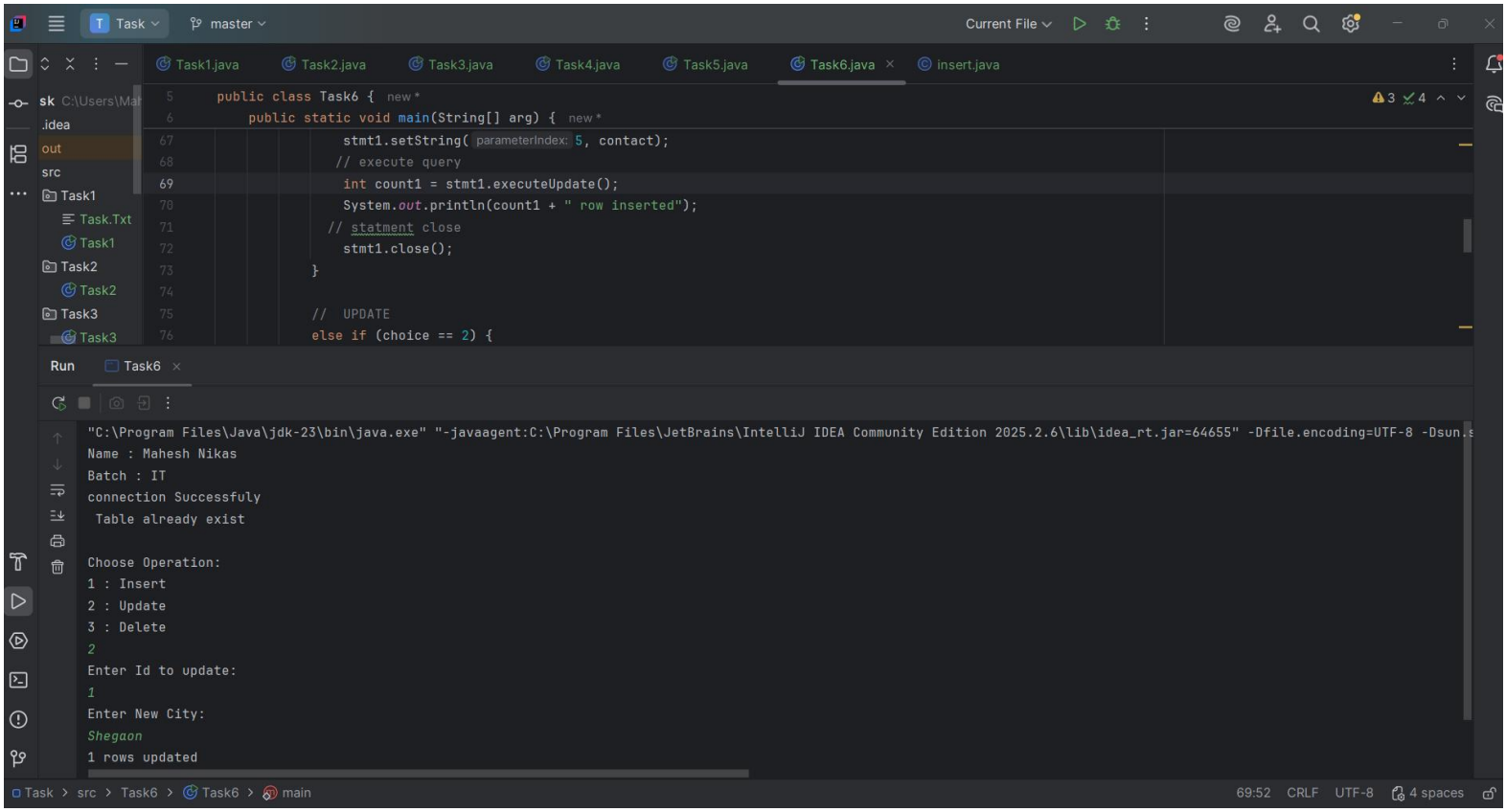


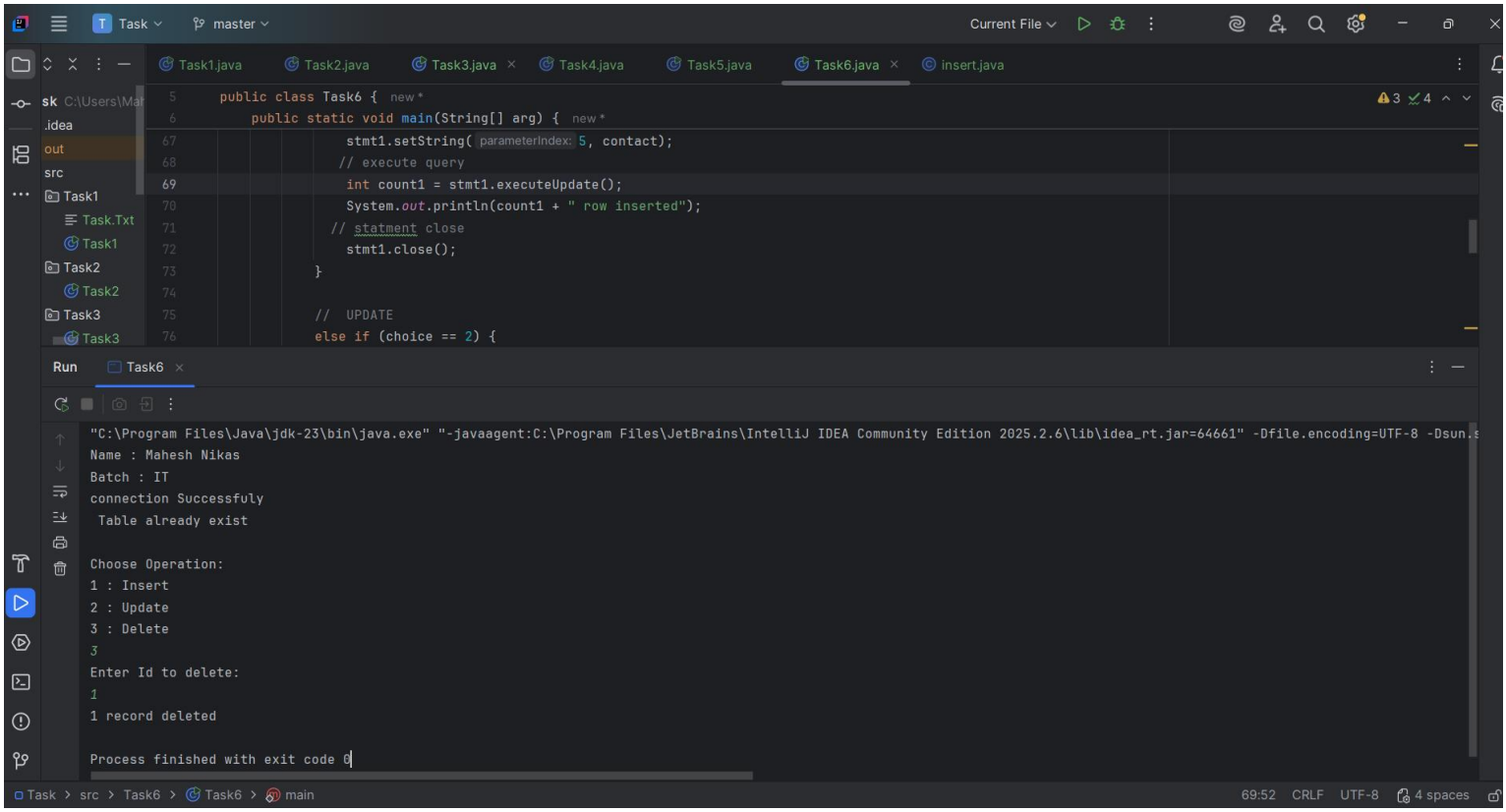
Task 7

- **Task 6**

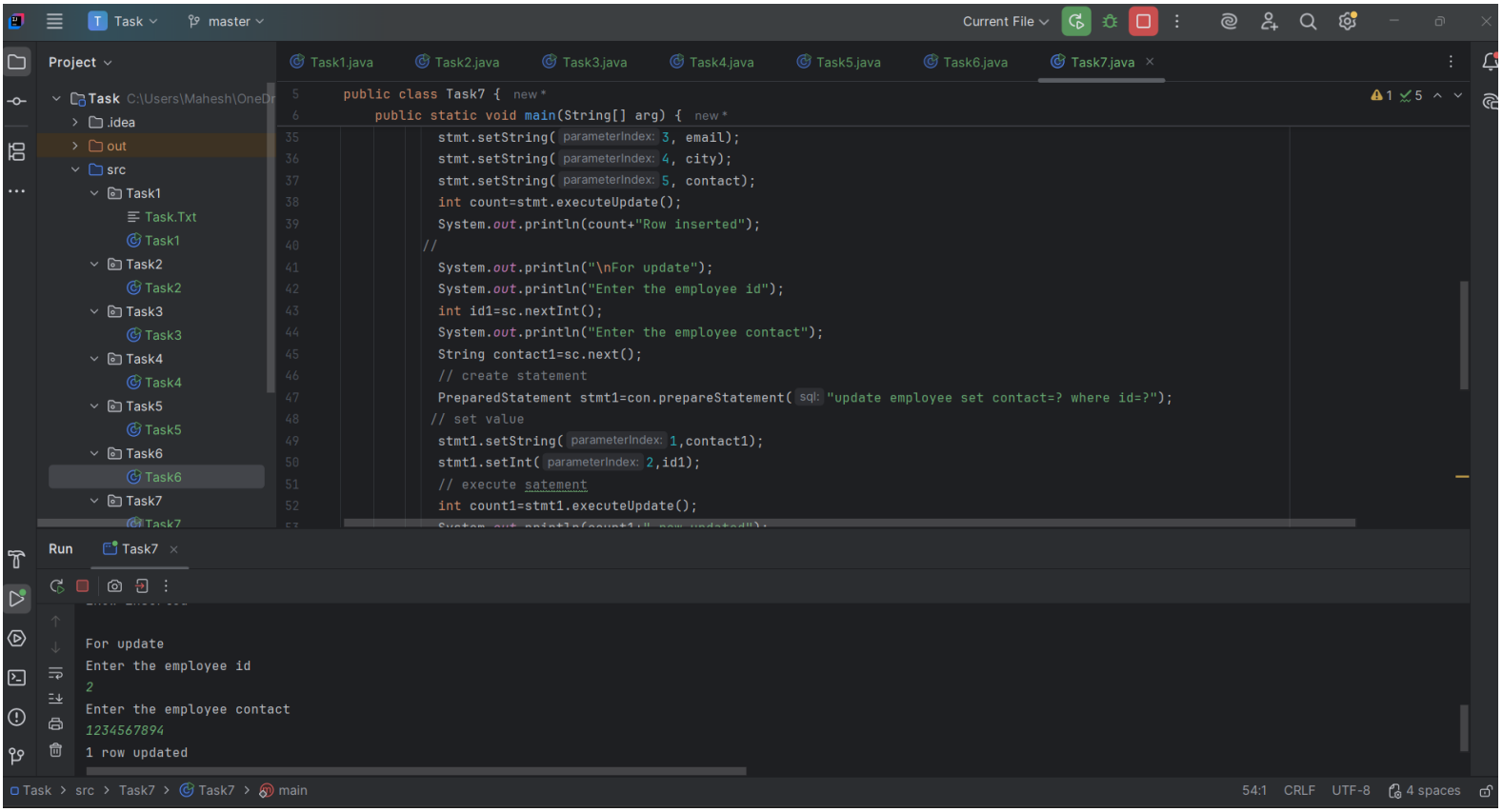

Task
master
Current File
Task1.java
Task2.java
Task3.java
Task4.java
Task5.java
Task6.java
insert.java
public class Task6 { new *
public static void main(String[] arg) { new *
String contact = sc.next();
// statement created
PreparedStatement stmt1 = con.prepareStatement(sql: "INSERT INTO employee VALUES (?,?,?,?,?)");
// set value
stmt1.setInt(parameterIndex: 1, id);
stmt1.setString(parameterIndex: 2, name);
stmt1.setString(parameterIndex: 3, email);
stmt1.setString(parameterIndex: 4, city);
stmt.setString(parameterIndex: 5, contact);
// execute query
int count1 = stmt1.executeUpdate();
System.out.println(count1 + " row inserted");
// statment close
stmt1.close();
Run
Task6
"C:\Program Files\Java\jdk-23\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2025.2.6\lib\idea_rt.jar=63736" -Dfile.encoding=UTF-8 -Dsun.s
Name : Mahesh Nikas
Batch : IT
connection Successfuly
table created
Choose Operation:
1 : Insert
2 : Update
3 : Delete
Task > src > Task6 > Task6 > main
66:32 CRLF UTF-8 4 spaces

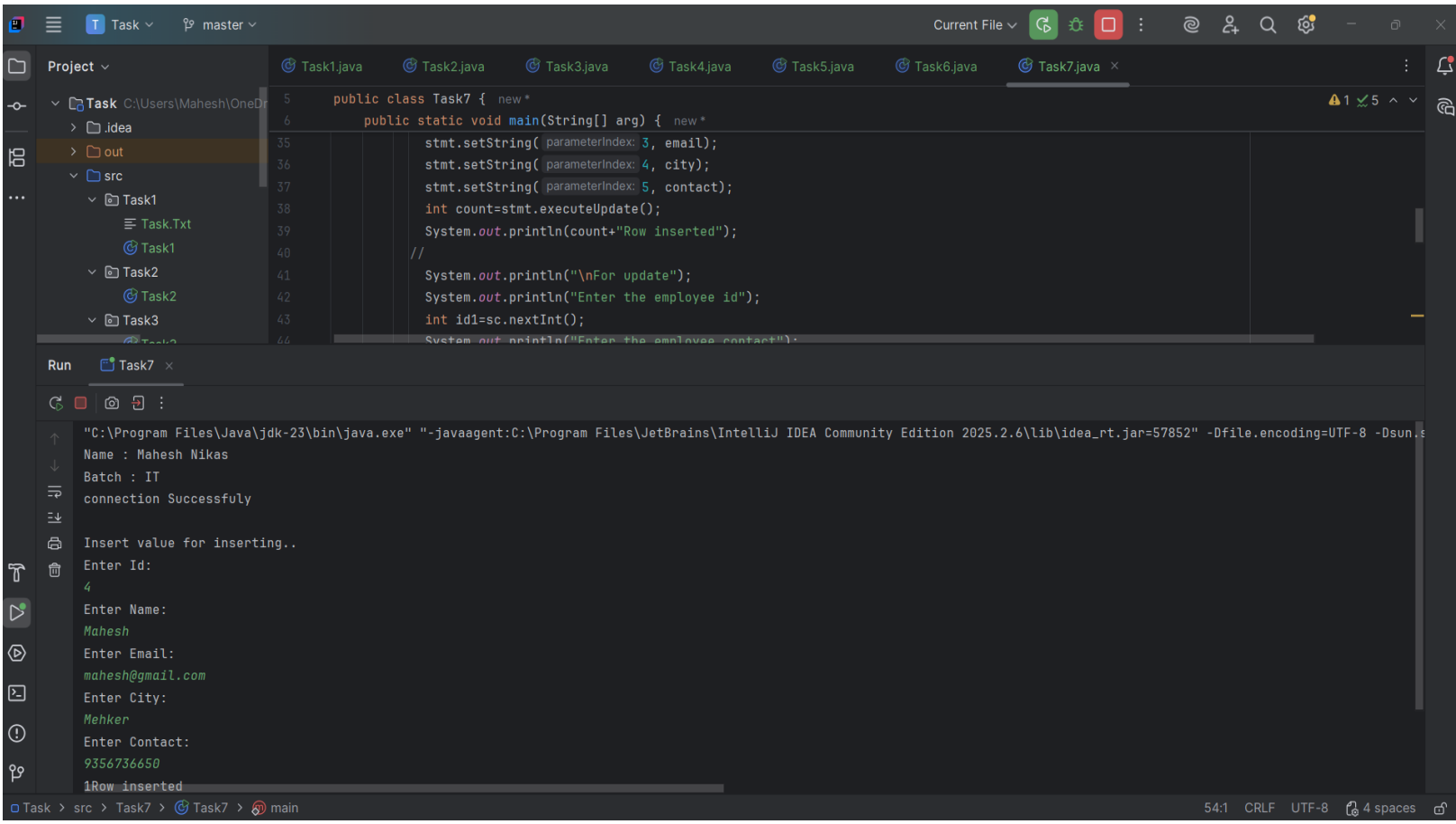

Task
master
Current File
Task1.java
Task2.java
Task3.java
Task4.java
Task5.java
Task6.java
insert.java
stmt1.setString(parameterIndex: 5, contact);
// execute query
int count1 = stmt1.executeUpdate();
System.out.println(count1 + " row inserted");
// statment close
Run
Task6
Name : Mahesh Nikas
Batch : IT
connection Successfuly
Table already exist
Choose Operation:
1 : Insert
2 : Update
3 : Delete
1
Enter Id:
1
Enter Name:
Mahesh
Enter Email:
mahesh@123gmail.com
Enter City:
Mehker
Enter Contact:
9356736650
1 row inserted
Task > src > Task6 > Task6 > main
69:52 CRLF UTF-8 4 spaces


Task
master
Current File
Task1.java
Task2.java
Task3.java
Task4.java
Task5.java
Task6.java
insert.java
public class Task6 {
public static void main(String[] arg) {
stmt1.setString(parameterIndex: 5, contact);
// execute query
int count1 = stmt1.executeUpdate();
System.out.println(count1 + " row inserted");
// statment close
stmt1.close();
}
// UPDATE
else if (choice == 2) {
Run
Task6
"C:\Program Files\Java\jdk-23\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2025.2.6\lib\idea_rt.jar=64655" -Dfile.encoding=UTF-8 -Dsun.
Name : Mahesh Nikas
Batch : IT
connection Successfuly
Table already exist
Choose Operation:
1 : Insert
2 : Update
3 : Delete
2
Enter Id to update:
1
Enter New City:
Shegaon
1 rows updated
Task > src > Task6 > Task6 > main
69:52 CRLF UTF-8 4 spaces


Task
master
Current File
Task1.java
Task2.java
Task3.java
Task4.java
Task5.java
Task6.java
insert.java
public class Task6 {
public static void main(String[] arg) {
stmt1.setString(parameterIndex: 5, contact);
// execute query
int count1 = stmt1.executeUpdate();
System.out.println(count1 + " row inserted");
// statment close
stmt1.close();
}
// UPDATE
else if (choice == 2) {
Run
Task6
"C:\Program Files\Java\jdk-23\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2025.2.6\lib\idea_rt.jar=64661" -Dfile.encoding=UTF-8 -Dsun.
Name : Mahesh Nikas
Batch : IT
connection Successfuly
Table already exist
Choose Operation:
1 : Insert
2 : Update
3 : Delete
3
Enter Id to delete:
1
1 record deleted
Process finished with exit code 0
Task > src > Task6 > Task6 > main
69:52 CRLF UTF-8 4 spaces

Task 7


Task
master
Current File
Project
Task1.java
Task2.java
Task3.java
Task4.java
Task5.java
Task6.java
Task7.java
public class Task7 {
public static void main(String[] arg) {
stmt.setString(parameterIndex: 3, email);
stmt.setString(parameterIndex: 4, city);
stmt.setString(parameterIndex: 5, contact);
int count=stmt.executeUpdate();
System.out.println(count+"Row inserted");
//
System.out.println("\nFor update");
System.out.println("Enter the employee id");
int id1=sc.nextInt();
System.out.println("Enter the employee contact");
String contact1=sc.next();
// create statement
PreparedStatement stmt1=con.prepareStatement(sql: "update employee set contact=? where id=?");
// set value
stmt1.setString(parameterIndex: 1,contact1);
stmt1.setInt(parameterIndex: 2,id1);
// execute satement
int count1=stmt1.executeUpdate();
Run
Task7
For update
Enter the employee id
2
Enter the employee contact
1234567894
1 row updated
Task > src > Task7 > Task7 > main
54:1
CRLF
UTF-8
4 spaces


Task
master
Current File
Project
Task1.java
Task2.java
Task3.java
Task4.java
Task5.java
Task6.java
Task7.java
public class Task7 {
public static void main(String[] arg) {
stmt.setString(parameterIndex: 3, email);
stmt.setString(parameterIndex: 4, city);
stmt.setString(parameterIndex: 5, contact);
int count=stmt.executeUpdate();
System.out.println(count+"Row inserted");
//
System.out.println("\nFor update");
System.out.println("Enter the employee id");
int id1=sc.nextInt();
Run
Task7
"C:\Program Files\Java\jdk-23\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2025.2.6\lib\idea_rt.jar=57852" -Dfile.encoding=UTF-8 -Dsun.
Name : Mahesh Nikas
Batch : IT
connection Successfuly
Insert value for inserting..
Enter Id:
4
Enter Name:
Mahesh
Enter Email:
mahesh@gmail.com
Enter City:
Mehker
Enter Contact:
9356736650
1Row inserted
Task > src > Task7 > Task7 > main
54:1
CRLF
UTF-8
4 spaces

Task 7