Experiment no 4

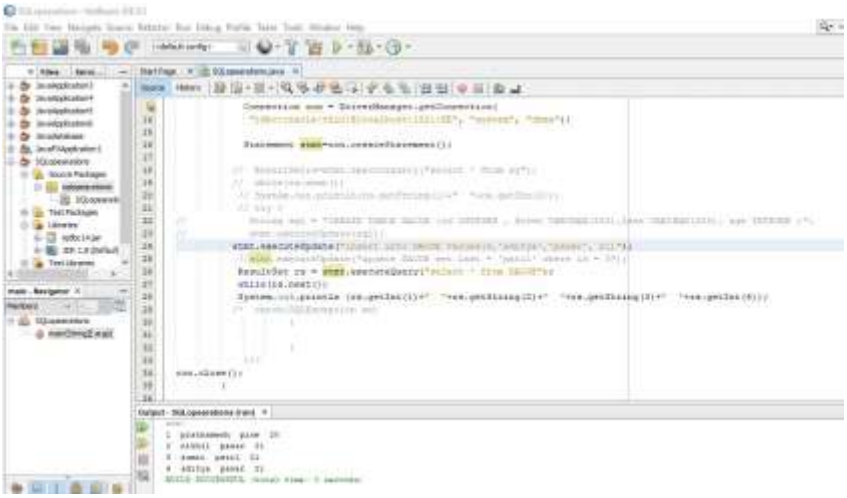
1)Implementation of program to modify data from database using JAVA with backend Oracle/SQL.

2) Implementation of program to create, insert and delete in database using JAVA with backend Oracle/SQL.

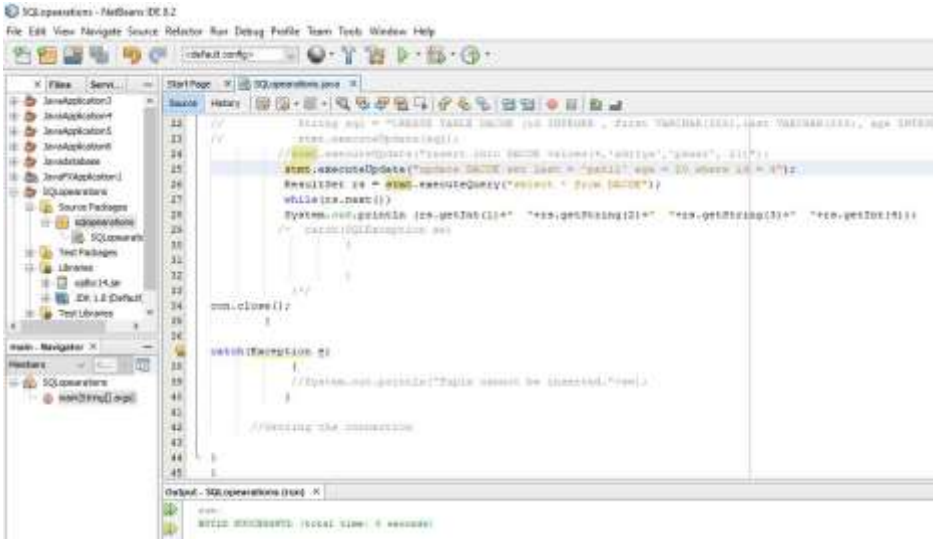
Program –

```
import java.sql.*;
public class Javadatabase1 {
    public static void main(String args[]) {
       try
      {
       Class.forName("oracle.jdbc.driver.OracleDriver");
       // Establishing Connection
       Connection con = DriverManager.getConnection(
       "jdbc:oracle:thin:@localhost:1521:XE", "system", "dbms");
        Statement stmt=con.createStatement();
         //ResultSet rs=stmt.executeQuery("select * from sy");
         //while(rs.next())
         //System.out.println(rs.getString(1)+"  "+rs.getInt(2));
         //try {
         //String sql = "CREATE TABLE PERSON (id INTEGER , first VARCHAR(255),last VARCHAR(255), age INTEGER )";
         //stmt.executeUpdate(sql);
         //stmt.executeUpdate("insert into PERSON values(5,'PATIL','PATIL', 23046)");
         stmt.executeUpdate("update PERSON set first='OMKAR', last='YELAVE' where id=5");
         //stmt.executeUpdate("DELETE from PERSON WHERE id=3");
         ResultSet rs=stmt.executeQuery("select * from PERSON");
         while(rs.next())
         System.out.println(rs.getInt(1)+"  "+rs.getString(2)+"  "+rs.getString(3)+"  "+rs.getInt(4) );
        /*catch(SQLException se){}
          }*/
con.close();
      }
       catch(Exception e)
         {
          //System.out.println("Tuple cannot be inserted."+se);
         }
//Getting the connection
}
}
```

Before Inserting new row :



#After inserting new row :



#After updating the row :