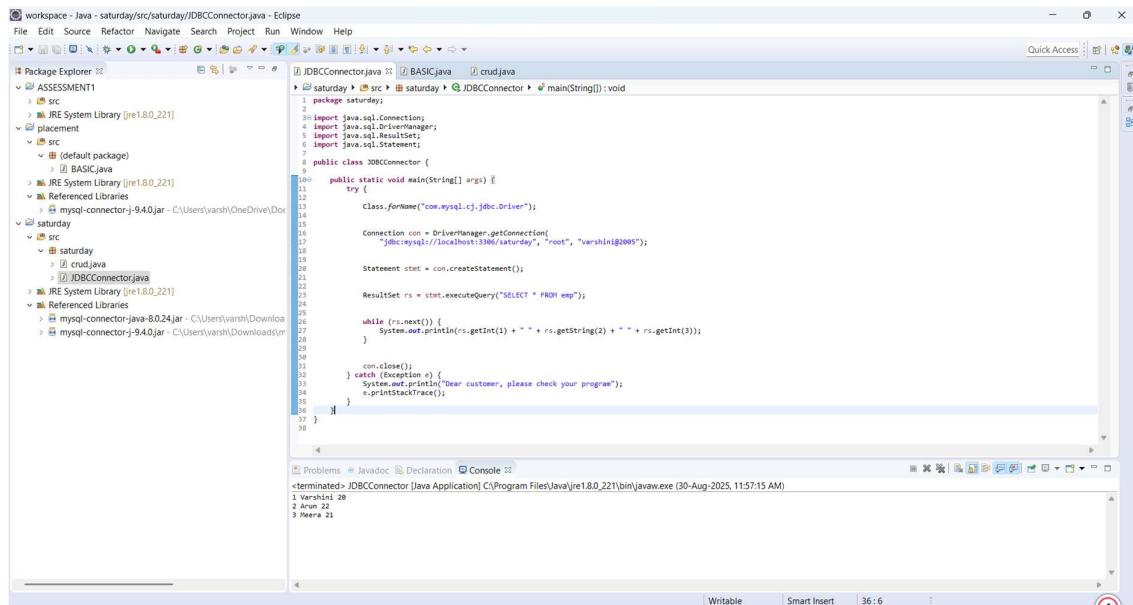


PROGRAM 1



CODE:

```
package saturday;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.Statement;

public class JDBCConnector {

    public static void main(String[] args) {

        try {

            Class.forName("com.mysql.cj.jdbc.Driver");

            Connection con = DriverManager.getConnection(

                "jdbc:mysql://localhost:3306/saturday", "root", "password")

            Statement stmt = con.createStatement();

            ResultSet rs = stmt.executeQuery("SELECT * FROM emp");

            while (rs.next()) {

                System.out.println(rs.getInt(1) + " " + rs.getString(2) + " " + rs.getInt(3));

            }

        }

    }

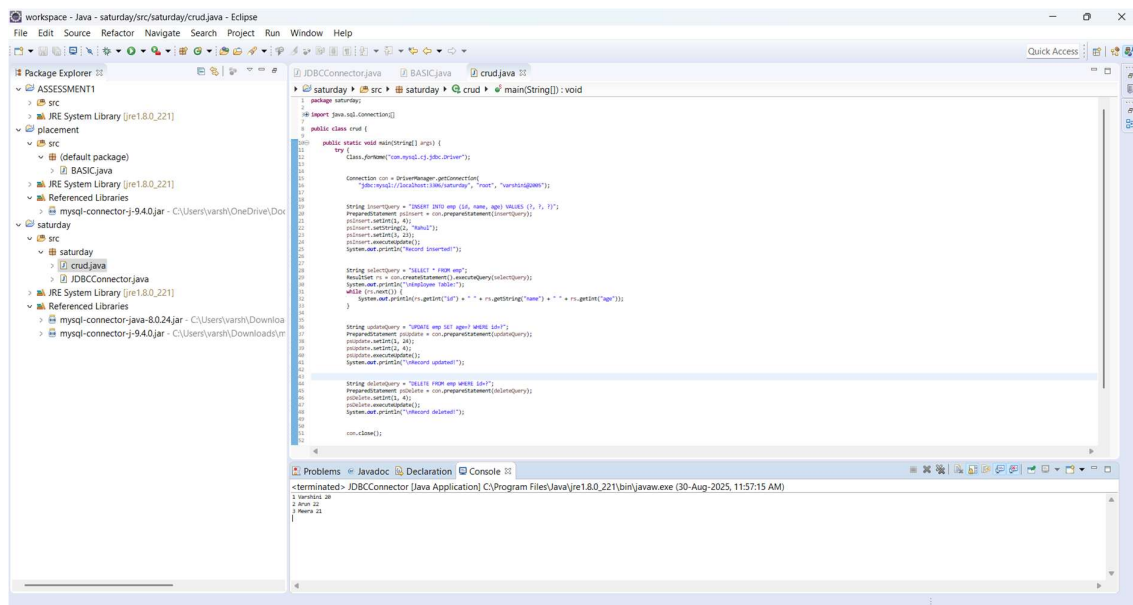
}
```

```

        con.close();
    } catch (Exception e) {
        System.out.println("Dear customer, please check your program");
        e.printStackTrace();
    }
}
}
}

```

PROGRAM 2(CRUD OPERATION):



CODE:

```

package saturday;

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;

```

```

public class crud {

    public static void main(String[] args) {
        try {
            Class.forName("com.mysql.cj.jdbc.Driver");

            Connection con = DriverManager.getConnection(
                "jdbc:mysql://localhost:3306/saturday", "root", "password");
            String insertQuery = "INSERT INTO emp (id, name, age) VALUES (?, ?, ?)";
            PreparedStatement psInsert = con.prepareStatement(insertQuery);
            psInsert.setInt(1, 4);
            psInsert.setString(2, "Rahul");
            psInsert.setInt(3, 23);
            psInsert.executeUpdate();
            System.out.println("Record inserted!");
            String selectQuery = "SELECT * FROM emp";
            ResultSet rs = con.createStatement().executeQuery(selectQuery);
            System.out.println("\nEmployee Table:");
            while (rs.next()) {
                System.out.println(rs.getInt("id") + " " + rs.getString("name") + " " +
rs.getInt("age"));
            }

            String updateQuery = "UPDATE emp SET age=? WHERE id=?";
            PreparedStatement psUpdate = con.prepareStatement(updateQuery);
            psUpdate.setInt(1, 24);
            psUpdate.setInt(2, 4);

```

```
psUpdate.executeUpdate();
System.out.println("\nRecord updated!");
String deleteQuery = "DELETE FROM emp WHERE id=?";
PreparedStatement psDelete = con.prepareStatement(deleteQuery);
psDelete.setInt(1, 4);
psDelete.executeUpdate();
System.out.println("\nRecord deleted!");
con.close();
} catch (Exception e) {
    System.out.println("Error in CRUD operations!");
    e.printStackTrace();
}
}
}
```