

Task - 5**Program 1:**

```
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.SQLException;
public class Main {
    public static void main(String[] args) { String url = "jdbc:mysql://localhost:3306/mydatabase";
        String username = "username";
        String password = "password";
        try (Connection connection = DriverManager.getConnection(url, username, password)) {
            System.out.println("Connection to MySQL database established successfully!");
        } catch (SQLException e) {
            System.out.println("Connection failed!");
            e.printStackTrace();
        }
    }
}
```

Program 2:

```
SELECT c.first_name, c.last_name, o.order_date, o.total_amount
FROM customers c
INNER JOIN orders o ON c.customer_id = o.customer_id;
```

Program 3:

```
SELECT d.department_name, e.first_name, e.last_name
FROM departments d
LEFT JOIN employees e ON d.department_id = e.department_id;
```