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20BCE0218
VIT-VELLORE

Q). Implement Java Assignment for Java JDBC using Java.

CODE:-

```java
import java.sql.*;

public class JDBCDemo {
    public static void main(String[] args) {
        String jdbcUrl = "jdbc:mysql://localhost:3306/test_database";
        String username = "Anand";
        String password = "anand123";

        try (Connection connection =
DriverManager.getConnection(jdbcUrl, username, password)) {
            String sql = "SELECT * FROM employee";
            Statement statement = connection.createStatement();
            ResultSet resultSet = statement.executeQuery(sql);

            while (resultSet.next()) {
```

```java
            int id = resultSet.getInt("id");

            String name = resultSet.getString("name");

            String designation = resultSet.getString("designation");

            double salary = resultSet.getDouble("salary");


            System.out.println("ID: " + id);

            System.out.println("Name: " + name);

            System.out.println("Designation: " + designation);

            System.out.println("Salary: " + salary);

            System.out.println("--------------------");
        }
    } catch (SQLException e) {
        e.printStackTrace();
    }
  }
}
```

OUTPUT :-

```
ID: 1
Name: John Doe
Designation: Manager
Salary: 5000.0
--------------------
ID: 2
Name: Jane Smith
Designation: Developer
Salary: 4000.0
--------------------
ID: 3
Name: Mark Johnson
Designation: Analyst
Salary: 3500.0
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```