

Technology track: Modern Application Development

College campus: VIT-AP

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Assignment 3

Question 1: Implement JDBC using Java

Code:

```
import java.sql.*;

public class Jdbc
{
    public static void main(String[] args)
    {
        String jdbcUrl = "jdbc:mysql://localhost:3306/mydatabase";
        String username = "your-username";
        String password = "your-password";
        try
        {
            Class.forName("com.mysql.cj.jdbc.Driver");
            Connection connection = DriverManager.getConnection(jdbcUrl, username, password);
```

```

        Statement statement =
connection.createStatement();
        String sql = "SELECT * FROM
employees";
        ResultSet resultSet =
statement.executeQuery(sql);
        while (resultSet.next())
        {
            int id =
resultSet.getInt("id");
            String name =
resultSet.getString("name");
            int age =
resultSet.getInt("age");
            double salary =
resultSet.getDouble("salary");
            System.out.println("ID: " + id
+ ", Name: " + name + ", Age: " + age + ",
Salary: " + salary);
        }
        resultSet.close();
        statement.close();
        connection.close();
    }

```

```
        catch (ClassNotFoundException e)
        {
            e.printStackTrace();
        }
        catch (SQLException e)
        {
            e.printStackTrace();
        }
    }
}
```