MODERN APPLICATION DEVELOPMENT

(JAVA SPRING BOOT)

ASSIGNMENT-3

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QUESTION:
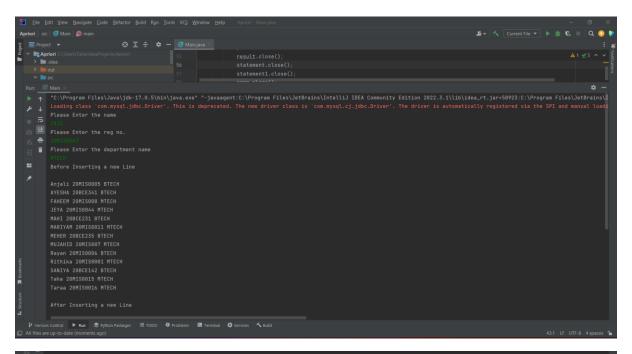
IMPLEMENT JDBC USING JAVA

CODE:

```java
import java.sql.*;
import java.util.Scanner;

public class Main {

    public static void main(String args[]) {

        try{

            Class.forName("com.mysql.jdbc.Driver");
            Connection conn =
DriverManager.getConnection("jdbc:mysql://localhost:3306/db","root","Iamtah
u321#$");
            Statement statement = conn.createStatement();

            PreparedStatement statement1 = conn.prepareStatement("insert
into test1(name,regno,dept_name) values(?,?,?)");
            Scanner sc = new Scanner(System.in);
            System.out.println("Please Enter the name");
            String name = sc.next();
            statement1.setString(1,name);

            System.out.println("Please Enter the reg no.");
            String regno = sc.next();
            statement1.setString(2,regno);

            System.out.println("Please Enter the department name");
            String dept_name = sc.next();
            statement1.setString(3,dept_name);



            ResultSet result = statement.executeQuery("select * from
test1");

            System.out.println("Before Inserting a new Line");

            System.out.println();

            while (result.next()){
                System.out.println(result.getString(1) + " " +
result.getString(2) + " " +result.getString(3));

            }
            System.out.println();

            System.out.println("After Inserting a new Line");

            System.out.println();
            statement1.executeUpdate();

            result = statement.executeQuery("select * from test1");

            while (result.next()){
                String name1 = result.getString("name");
                String regno1 = result.getString("regno");
                String dept = result.getString("dept_name");
                System.out.println( name1 + " " + regno1 + " " +dept);
```

```
            }
            result.close();
            statement.close();
            statement1.close();
            conn.close();
        }
        catch (Exception e){
            e.printStackTrace();
        }


    }
}
```

OUTPUT: