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class

Course - BSCIT 4th Sem

Roll No - 1922036

Java End Term Practical

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

```
class RollNoWithInRangeException extends Exception
{
```

```
    public String toString()
    {
```

```
        return "Roll number is not between 1 and 63"
    }
```

```
public class JDBC
```

```
{
```

```
    public static void main()
```

```
{
    Scanner sc = new Scanner(System.in);
    int rollNo = sc.nextInt();
```

```
try
```

```
{
    if (rollNo <= 1 && rollNo <= 63)
    {
```

```
        Class.forName("org.sqlite.JDBC");
```

```
        Connection con = DriverManager.getConnection
            ("jdbc:sqlite:C:\\sqlite\\db1.db");
```

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```
PreparedStatement stm = con.prepareStatement(
    "select roll from employee where rollno = ?");
```

```
stm.setInt(1, roll);
```

```
ResultSet rs = stm.executeQuery();
```

```
{
    while (rs.next())
```

```
{
    int rollno = rs.getInt("rollno");
```

```
String name = rs.getString("name");
```

```
float per = rs.getFloat(3);
```

```
System.out.println("Roll no: " + rollno + " Name: " + name + " Per: " + per);
```

```
}
```

```
else throw new RollNoNotInRangeException();
```

```
}
```

```
catch (RollNoInRangeException e)
```

```
{
```

```
System.out.println(e);
```

```
}
```

```
}
```

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