# DATABASE MANAGEMENT SYSTEMS LABORATORY

Practical Examination
SPPU AY 2021-22
Semester :- 1


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# Assignment No. A8

**Problem Statement :-**

Implement MYSQL/ORACLE database connectivity with PHP/PYTHON/JAVA implement database navigation operations using JDBC/ODBC.

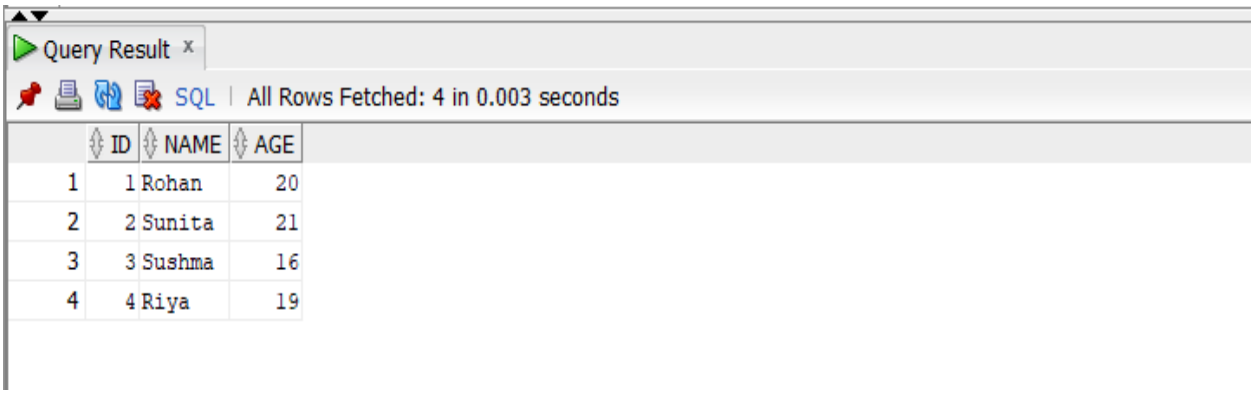
**Solution :-**

Program :

```
package A9;


import  java.sql.*;
import java.util.logging.Level;
import java.util.logging.Logger;


public class JDBCDemo {
   public static void main(String[] args) {
      try {
                String driver="oracle.jdbc.driver.OracleDriver";
                Class.forName(driver);
                Connection
con=DriverManager.getConnection("jdbc:oracle:thin:@127.0.0.1:1521:xe","system","paramojus
");
                Statement s=con.createStatement();//creating the statement
                System.out.println("Connected successfully");
                ResultSet rs=s.executeQuery("create table AddMember (id int, name varchar(15),
age int)");
                ResultSet rs1=s.executeQuery("insert into AddMember values(1, 'Rohan', 20)");
                ResultSet rs2=s.executeQuery("insert into AddMember values(2, 'Sunita', 21)");
                ResultSet rs3=s.executeQuery("insert into AddMember values(3, 'Sushma', 16)");
```

```
                ResultSet rs4=s.executeQuery("insert into AddMember values(4, 'Riya', 19)");
                ResultSet rs5=s.executeQuery("select * from AddMember");
                while (rs5.next()){
                System.out.println(rs5.getString("name"));
                }
            rs.close();
            s.close();
            con.close();
        } catch (Exception ex) {
           System.out.println("Error:"+ex);
        }

    }

}
```

Output :


| | ID | NAME | AGE |
|---|---|---|---|
| 1 | 1 | Rohan | 20 |
| 2 | 2 | Sunita | 21 |
| 3 | 3 | Sushma | 16 |
| 4 | 4 | Riya | 19 |