

DAY-13

1. Write a program to create a connection with MySQL database.

```
package jdbcpkg;

import java.sql.Connection;
import java.sql.DriverManager;

public class CreateConnection {

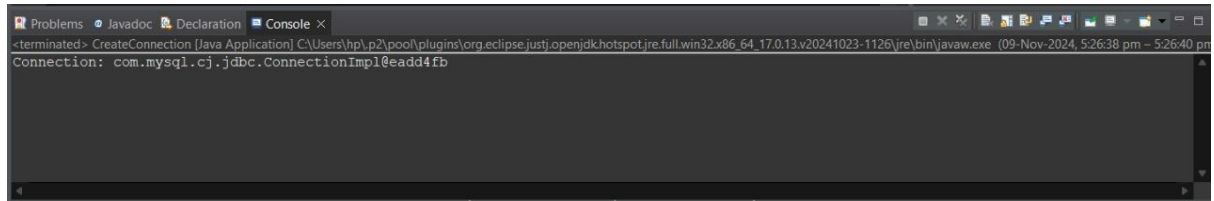
    public static void main(String[] args) {
        try {
            //creating Connection object
            Connection con=null;
            //Register the driver
            Class.forName("com.mysql.cj.jdbc.Driver");

            //established the connection

            con=DriverManager.getConnection("jdbc:mysql://localhost:3002/customermanagementsystem",
            "root", "root");
            //printing Connection Object
            System.out.println("Connection: "+con);

        }catch (Exception e) {
            System.out.println(e);
        }
    }
}
```

```
}
```



2. Write a program to select all the records from the table.

```
package jdbcpkg;
```

```
import java.sql.Connection;
```

```
import java.sql.DriverManager;
```

```
import java.sql.ResultSet;
```

```
import java.sql.SQLException;
```

```
import java.sql.Statement;
```

```
public class DisplayTable {
```

```
    public static void main(String[] args) {
```

```
        try {
```

```
            Connection
```

```
con=DriverManager.getConnection("jdbc:mysql://localhost:3002/ajpjdbc","root","root");
```

```
            Statement stmt= con.createStatement();
```

```
            String sql="select * from Student";
```

```
            ResultSet rs=stmt.executeQuery(sql); //ResultSet-class
```

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

```
                System.out.print("ID: "+rs.getInt("sid")+" ");
```

```
                System.out.print("Name: "+rs.getString("sname")+" ");
```

```
                System.out.println("Address: "+rs.getString("sadd"));
```

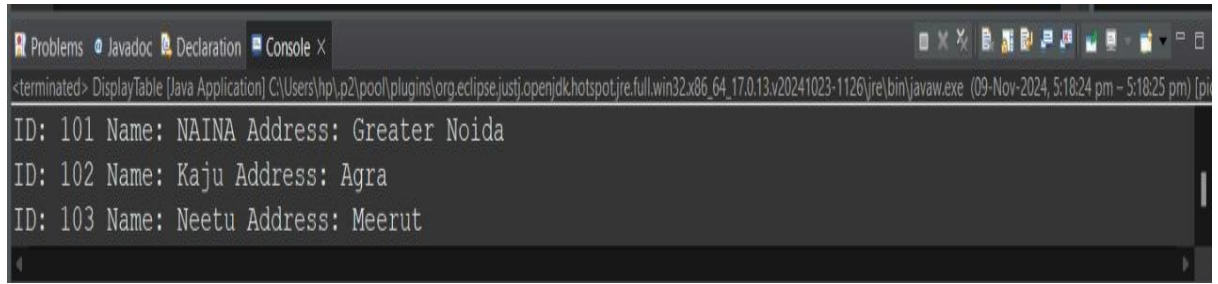
```
            }
```

```
        }catch(SQLException e) {
```

```
            e.printStackTrace();
```

```
        }
```

}



```
<terminated> DisplayTable [Java Application] C:\Users\hp\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64_17.0.13.v20241023-1126\jre\bin\javaw.exe (09-Nov-2024, 5:18:24 pm - 5:18:25 pm) [pi  
ID: 101 Name: NAINA Address: Greater Noida  
ID: 102 Name: Kaju Address: Agra  
ID: 103 Name: Neetu Address: Meerut
```