



Core Java

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url = jdbc:mysql://localhost:3306/db

0. add jdbc driver in project classpath.

1. load and register jdbc Driver class.

```
Class.forName("com.mysql.cj.jdbc.Driver");
```

2. create db Connection using DriverManager.getConnection().

```
Connection con = DriverManager.getConnection(url, user, pass);
```

3. Create Statement for executing SQL query.

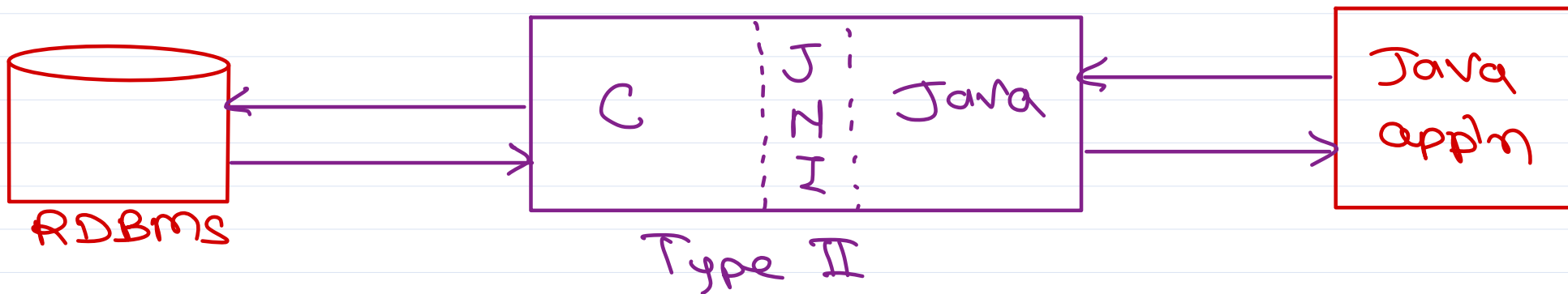
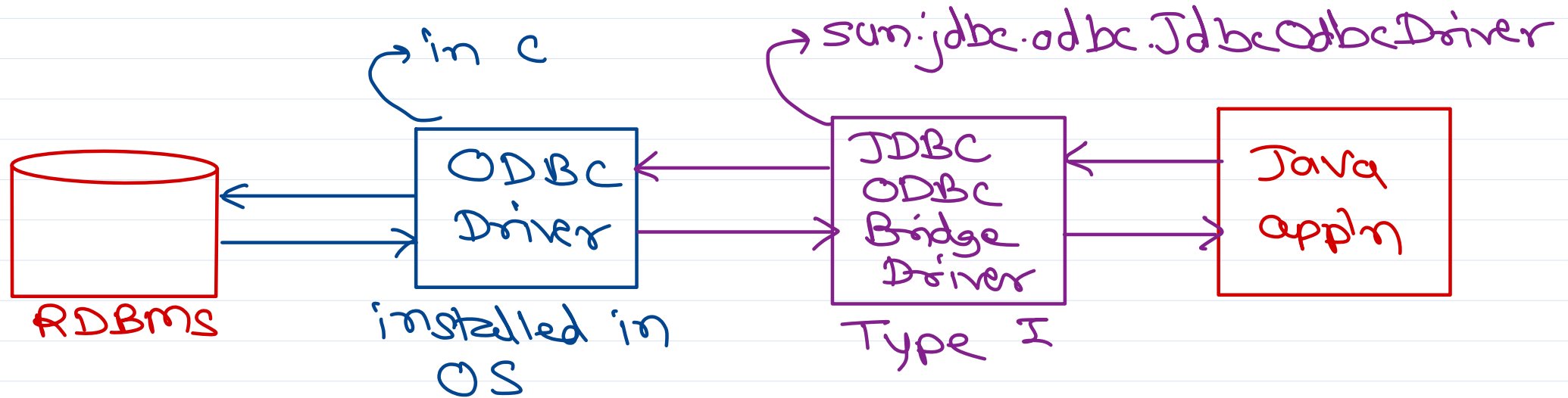
```
Statement stmt = con.createStatement();
```

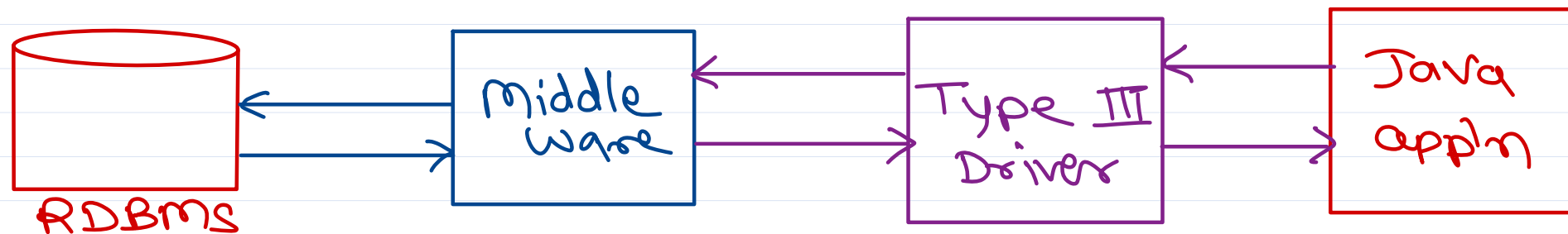
4. Execute the Statement and Process the Result.

```
int  
int = stmt.executeUpdate(sql);  
any sql query other than SELECT.  
ResultSet rs = stmt.executeQuery(sql);  
while (rs.next()) {  
    v1 = rs.getInt("col1");  
    v2 = rs.getString("col2");  
    Sysout (v1 + v2);  
} rs.close();  
stmt.close(); con.close();
```

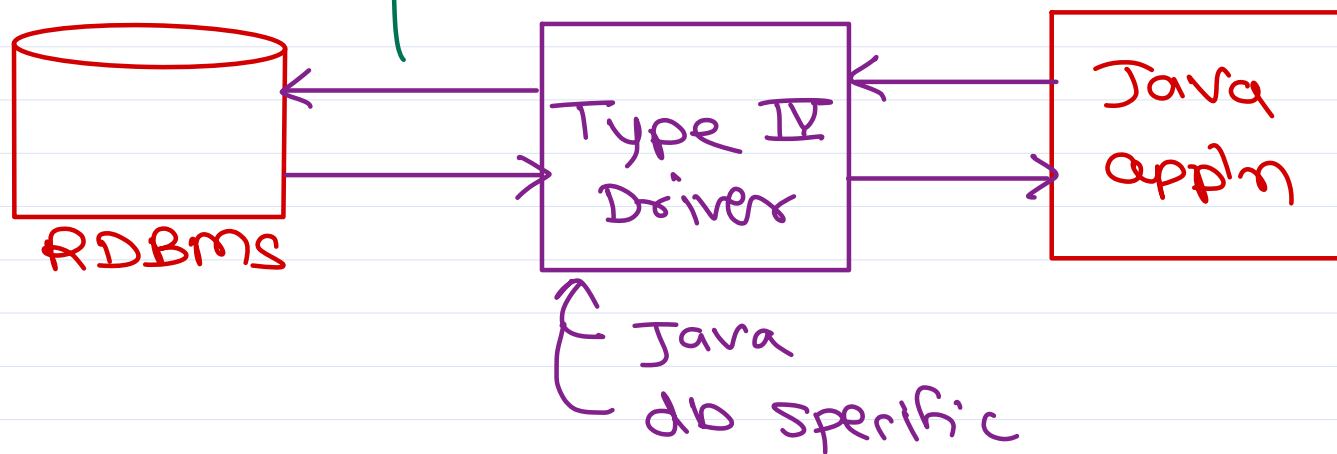
SELECT query

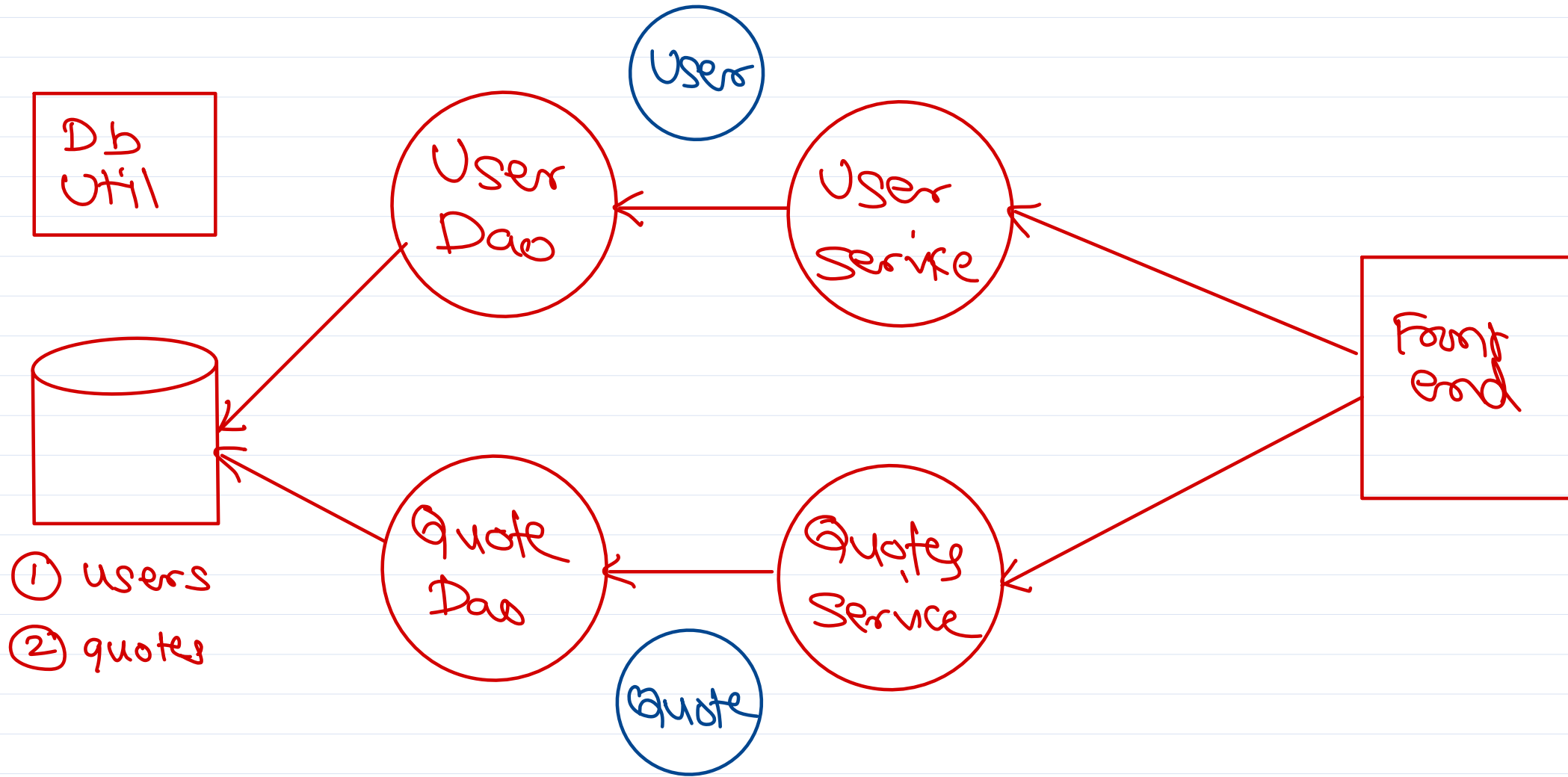
5. Close Statement, Connection.





jdbc:mysql://localhost:3306/db
network (sockets) = ip addr + port





← before First()

① ← first()

②

③

④ ← absolute(4);

⑤

⑥

⑦ ← last()

← afterLast()

relative(-2);

relative(+2);





Thank you!

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