## JDBC

Resource Leaks

## Database Resources

- database resources are expensive and are easily multiplied
  - e.g. imagine that every time we fetch something from the DB we open the connection and never close it
- for that reason it's important to close the resources after operation is done
- when closing the resources order is important:
  - 1. ResultSet, e.g. rs.close()
  - 2. PrepararedStatement or CallableStatement, e.g. stmt.close()
  - 3. Connection, e.g. conn.close()

## Using try-with-resources

- recommended way of work is using try-with-resources
  - in this way, all resources will be closed automatically after we are done
- but the order is still important
  - try-with-resources closes the resources in the reversed order from which they are initialized

first one to be closed