

The screenshot displays an IDE environment with a project structure on the left and a code editor on the right. The project structure includes a 'Person' entity and a 'Main' class. The 'Main' class contains a 'main' method that interacts with a 'DataBase' class. The console output shows the execution of the program, including database operations and log messages.

Project Structure:

- Person
 - lectures
 - lecture1
 - lecture2
 - lecture3
 - lecture4
 - Connector
 - Db
 - DbHibernate
 - Magic
 - Main
 - MainHibernate
- models
 - Repository

Code Editor:

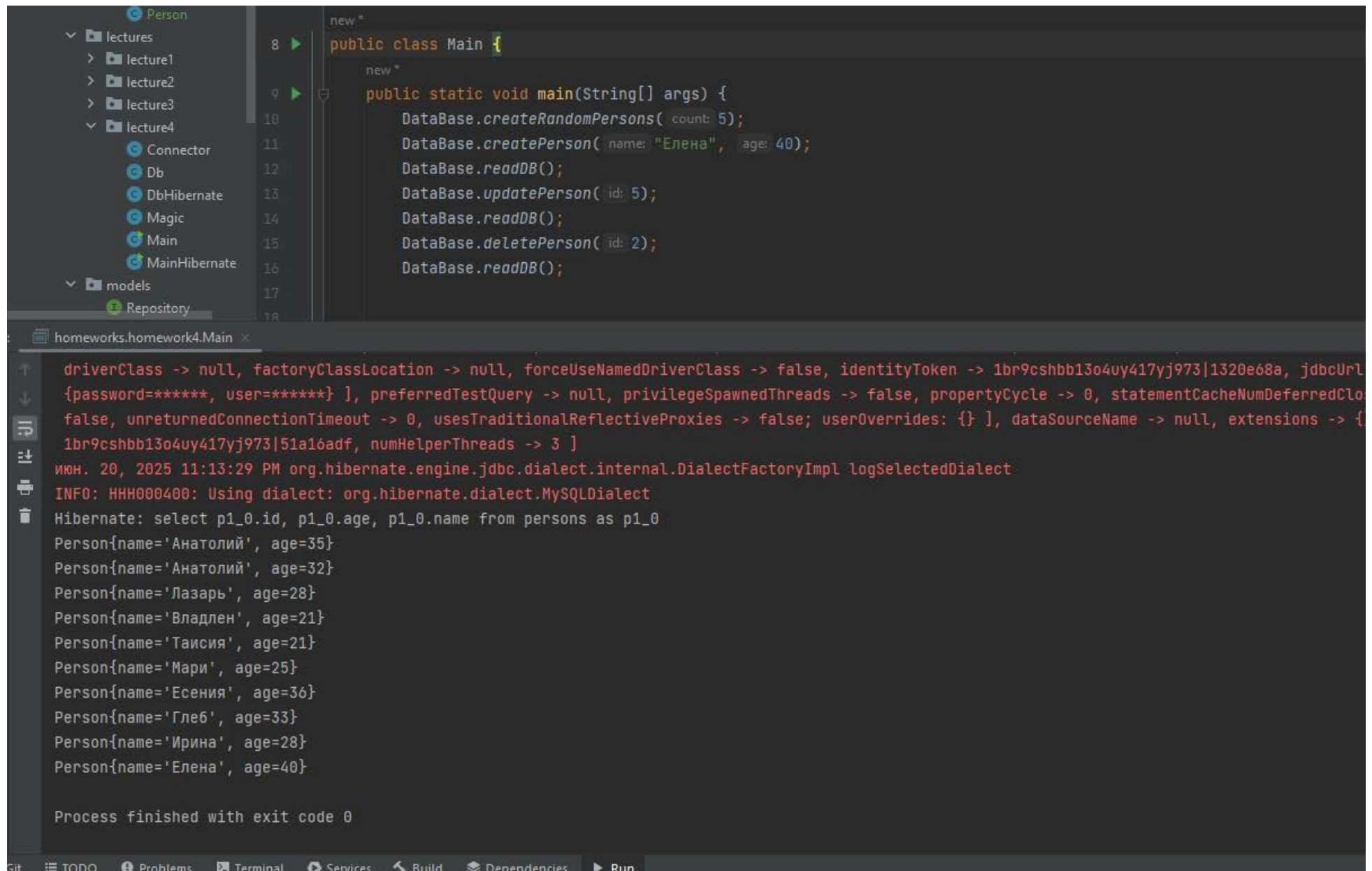
```
new *
8 public class Main {
    new *
9     public static void main(String[] args) {
10         DataBase.createRandomPersons( count: 5);
11         DataBase.createPerson( name: "Елена", age: 40);
12         DataBase.readDB();
13         DataBase.updatePerson( id: 5);
14         DataBase.readDB();
15         DataBase.deletePerson( id: 2);
16         DataBase.readDB();
17     }
18 }
```

Console Output:

```
maxIdleTimeExcessConnections -> 0, maxPoolSize -> 15, maxStatements -> 0, maxStatementsPerConnection -> 0, minPoolSize -> 5,
driverClass -> null, factoryClassLocation -> null, forceUseNamedDriverClass -> false, identityToken -> 1br9cshbb1304uy417yj973|14447be,
{password=*****, user=*****} ], preferredTestQuery -> null, privilegeSpawnedThreads -> false, propertyCycle -> false, unreturnedConnectionTimeout -> 0, usesTraditionalReflectiveProxies -> false; userOverrides: {} ], dataSource -> 1br9cshbb1304uy417yj973|14447be, numHelperThreads -> 3 ]
июн. 20, 2025 11:13:28 PM org.hibernate.engine.jdbc.dialect.internal.DialectFactoryImpl logSelectedDialect
INFO: HHN000400: Using dialect: org.hibernate.dialect.MySQLDialect
Hibernate: select p1_0.id, p1_0.age, p1_0.name from persons as p1_0 where p1_0.id = ?
Чтение данных произошло успешно
Персона: Person{name='Глеб', age=28}
Данные по перосоне обновлены
Персона: Person{name='Владлен', age=21}
Hibernate: update persons set age=?, name=? where id=?
июн. 20, 2025 11:13:28 PM org.hibernate.c3p0.internal.C3P0ConnectionProvider configure
INFO: HHN000000: C3P0: Initializing c3p0 pool with default properties...
```



```
homeworks.homework4.Main x
INFO: Initializing C3P0 pool... com.mchange.v2.c3p0.PoolBackedDataSource@00425c97 [ connectionPoolDataSource -> com.mchange.
30, acquireRetryDelay -> 1000, autoCommitOnClose -> false, automaticTestTable -> null, breakAfterAcquireFailure -> false, c
.mchange.v2.c3p0.impl.DefaultConnectionTester, contextClassLoaderSource -> caller, debugUnreturnedConnectionStackTraces ->
forceSynchronousCheckins -> false, identityToken -> 1br9cshbb13o4uy417yj973|7f3ca64a, idleConnectionTestPeriod -> 0, initia
maxIdleTimeExcessConnections -> 0, maxPoolSize -> 15, maxStatements -> 0, maxStatementsPerConnection -> 0, minPoolSize -> 3
driverClass -> null, factoryClassLocation -> null, forceUseNamedDriverClass -> false, identityToken -> 1br9cshbb13o4uy417yj
{password=*****, user=*****, } ], preferredTestQuery -> null, privilegeSpawnedThreads -> false, propertyCycle -> 0, stateme
false, unreturnedConnectionTimeout -> 0, usesTraditionalReflectiveProxies -> false; userOverrides: {} ], dataSourceName ->
1br9cshbb13o4uy417yj973|64e7d698, numHelperThreads -> 3 ]
июн. 20, 2025 11:13:29 PM org.hibernate.engine.jdbc.dialect.internal.DialectFactoryImpl logSelectedDialect
INFO: HHN000400: Using dialect: org.hibernate.dialect.MySQLDialect
Hibernate: select p1_0.id, p1_0.age, p1_0.name from persons as p1_0 where p1_0.id = ?
Данные по персоне удалены
Hibernate: delete from persons where id=?
июн. 20, 2025 11:13:29 PM org.hibernate.c3p0.internal.C3P0ConnectionProvider configure
INFO: HHN010002: C3P0 using driver: com.mysql.cj.jdbc.Driver at URL: jdbc:mysql://localhost:3306/java_junior_persons_db
июн. 20, 2025 11:13:29 PM org.hibernate.c3p0.internal.C3P0ConnectionProvider configure
```

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- etl
- homework1
- homework2
- homework5
- homework6
- homework_3
- homework_4
- human_friends
- java_junior_lecture
- java_junior_persons_db**
 - Tables
 - persons
 - Columns
 - Indexes
 - Foreign Keys
 - Triggers
 - Views
 - Stored Procedures
 - Functions
 - lecture2
 - lesson_1
 - lesson_2
 - lesson_3
 - lesson_4
 - lesson_5
 - my_first_db
 - sakila

Administration Schemas

Information

students persons **persons**

Limit to 1000 rows

1 • `SELECT * FROM java_junior_persons_db.persons;`

Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Co

	id	name	age
▶	1	Анатолий	35
	3	Анатолий	32
	4	Лазарь	28
	5	Владлен	21
	6	Таисия	21
	7	Мари	25
	8	Есения	36
	9	Глеб	33
	10	Ирина	28
	11	Елена	40
*	NULL	NULL	NULL

Schema:
java_junior_persons_db