

The screenshot shows the MySQL Workbench interface. The top menu bar includes File, Edit, View, Query, Database, Server, Tools, Scripting, and Help. The left sidebar shows the 'SCHEMAS' tree with 'academiasofttek' selected, containing tables like 'modulos', 'tareas', 'task', 'Views', 'Stored Procedures', 'Functions', 'backendsJava', 'cac23089', 'cac23089-2023', 'cac23089-db', 'gestionIntegral', 'rolsenia\_modelo', 'sakila', 'sys', and 'world'. The 'task' table is highlighted. The main area shows a query: `SELECT * FROM academiasofttek.task;`. The results are displayed in a table with columns: id, title, description. The first row shows id 4, title 'Login Form', and description 'en esta tarea haremos el formulario para un login'.

The screenshot shows the MySQL Workbench interface. On the left, the 'SCHEMAS' panel is open, showing a tree view of databases. The 'academiasoftsk' database is selected, and its tables are listed: 'modules', 'tasks', 'task', 'views', 'Stored Procedures', 'Functions', 'backends', 'cac2019-2023', 'cac23019-dto', 'gestionintegr', 'rotisema\_modelo', 'avalia', 'sys', and 'world'. The main window displays a SQL query: 'SELECT \* FROM academiasoftsk.task;'. Below the query, the 'Result Grid' shows one row of data: '4', 'Login Form', and 'en esta tarea haremos el formulario para un login'. The bottom status bar shows 'Table: task' and 'Column: id'.

MySQL Workbench - Local instance MySQL80

Navigator

SCHEMAS

Filter objects

academiasofttek

- Tables
  - modulos
  - tareass
  - task
- Views
- Stored Procedures
- Functions
- backenda
- ca23069
- ca23069-2023
- ca23069-db
- gestionintegral
- rotasria\_modelo
- sakila
- sys
- world

Administration Schemas

Information

Table: task

Columns:

- id
- title
- description

Result Grid

Filter Rows

Limit to 1000 rows

Output

task 2 x

Output

Action Output

Time Action Message Duration / Fetch

1 21:45:16 SELECT \* FROM academiasofttek.task LIMIT... 2 row(s) returned 0.000 sec / 0.000 sec

ActividadM4 - Apache NetBeans IDE 19

CRUD DE TAREAS CON ESTRUCTURA DAO

ID

Tarea

Descripcion

Agregar Listar Actualizar Eliminar

ID	Nombre	Descripcion
4	Login Form	en esta tarea haremos el fo
5	Logout	Crear codigo de Logout

Output - Run (ActividadM4)

--- resources\3.3.1\resources

Copying 2 resources from

--- compiler\3.11.0\compiler

Changes detected - recomp

Compiling 4 source files

C:\Users\usuario\Documents

C:\Users\usuario\Documents

--- exec\3.1.0\exec (default-oll) @ ActividadM4 ---

Hello World!

[EL Info]: 2023-11-09 21:38:11.483--ServerSession(1965445467)--EclipseLink, version: Eclipse Persistence Services - 2.7.12.v20230209-65c4074ef3

MySQL Workbench - Local instance MySQL80

Navigator

SCHEMAS

Filter objects

academiasofttek

- Tables
  - modulos
  - tareass
  - task
- Views
- Stored Procedures
- Functions
- backenda
- ca23069
- ca23069-2023
- ca23069-db
- gestionintegral
- rotasria\_modelo
- sakila
- sys
- world

Administration Schemas

Information

Table: task

Columns:

- id
- title
- description

Result Grid

Filter Rows

Limit to 1000 rows

Output

task 2 x

Output

Action Output

Time Action Message Duration / Fetch

1 21:45:16 SELECT \* FROM academiasofttek.task LIMIT... 2 row(s) returned 0.000 sec / 0.000 sec

ActividadM4 - Apache NetBeans IDE 19

CRUD DE TAREAS CON ESTRUCTURA DAO

ID

Tarea

Descripcion

Agregar Listar Actualizar Eliminar

ID	Nombre	Descripcion
4	Login Form	en esta tarea haremos el fo
5	Logout	Crear codigo de Logout
6	Form Agregar nueva Tarea	Formulario para agregar nu

Output - Run (ActividadM4)

--- resources\3.3.1\resources

Copying 2 resources from

--- compiler\3.11.0\compiler

Changes detected - recomp

Compiling 4 source files

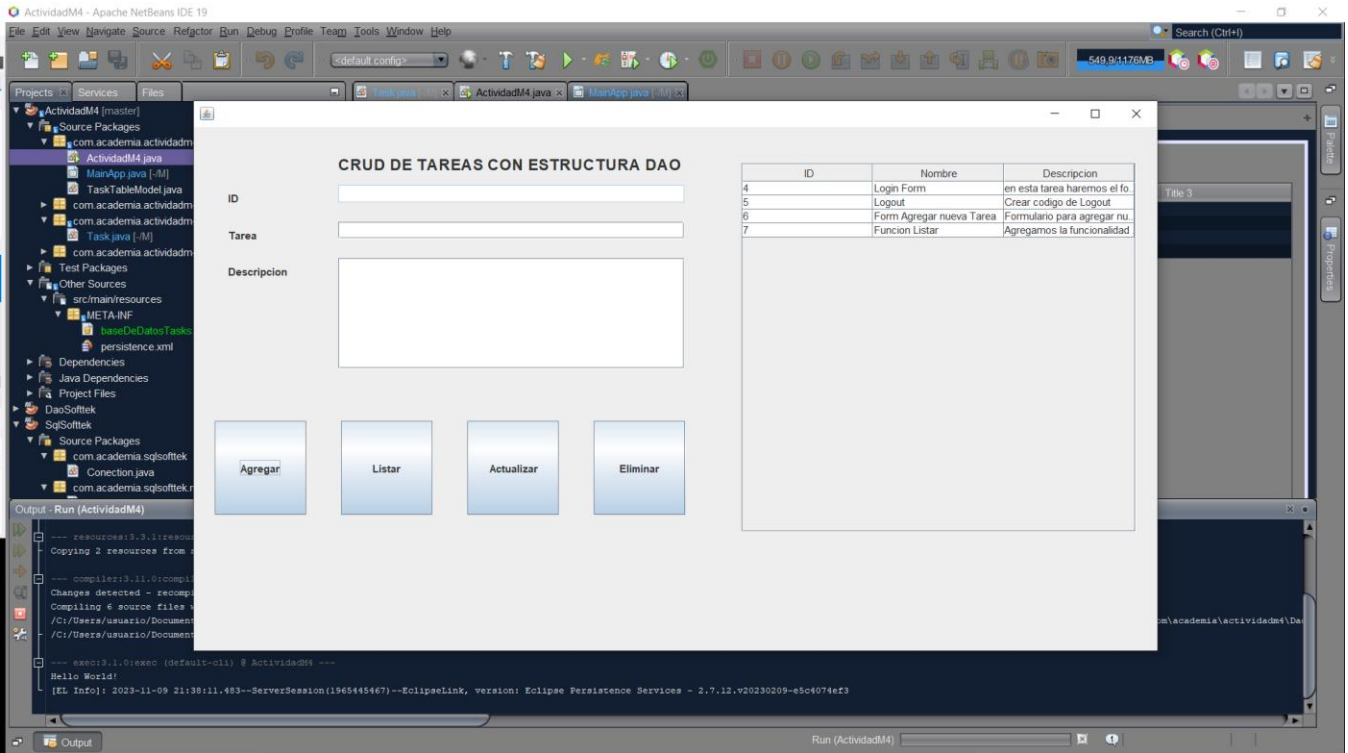
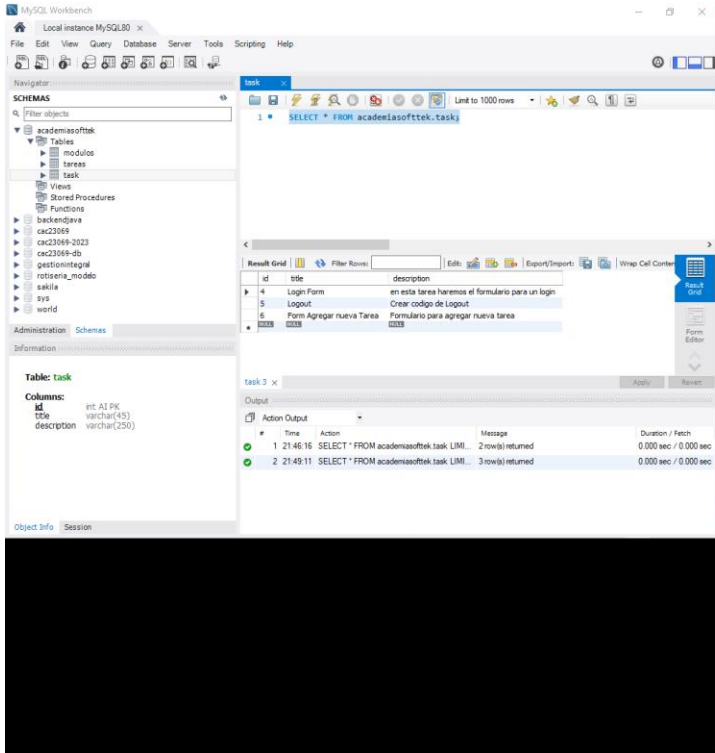
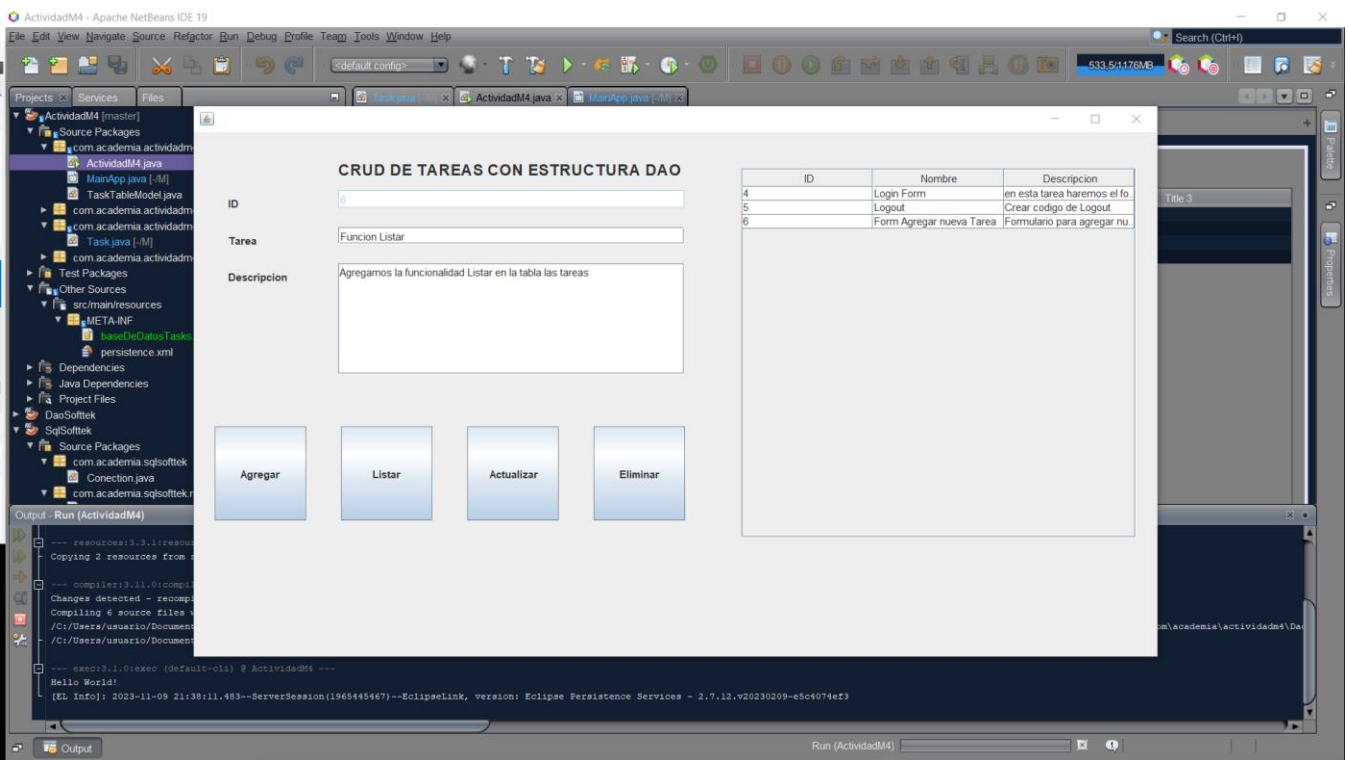
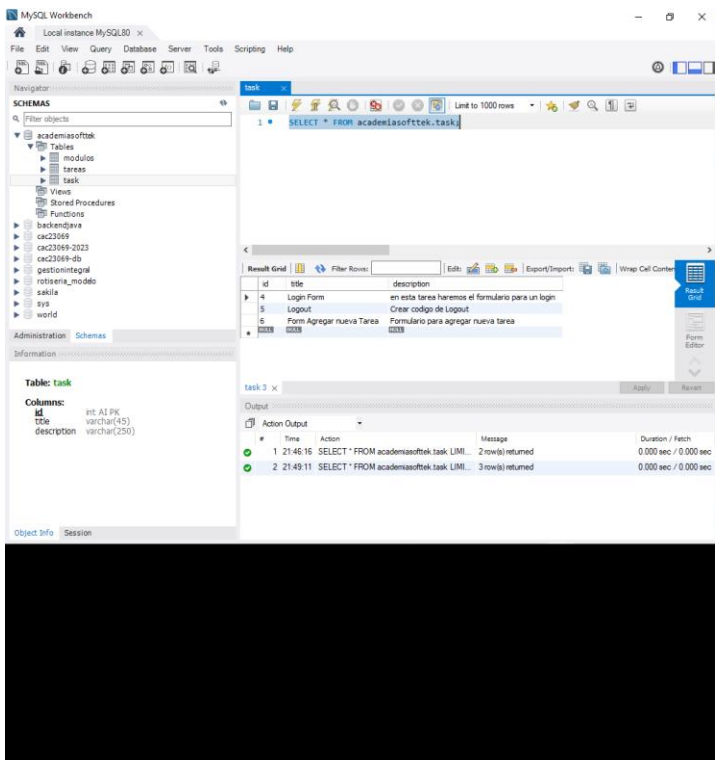
C:\Users\usuario\Documents

C:\Users\usuario\Documents

--- exec\3.1.0\exec (default-oll) @ ActividadM4 ---

Hello World!

[EL Info]: 2023-11-09 21:38:11.483--ServerSession(1965445467)--EclipseLink, version: Eclipse Persistence Services - 2.7.12.v20230209-65c4074ef3





UPDATE de tareas (seleccionamos un elemento de la tabla, y se muestra su contenido en los textField, modificamos nombre o descripción y presionamos Actualizar)

The screenshot shows two windows. On the left is MySQL Workbench with a query window containing `SELECT * FROM academiasofttek.task;` and a results window showing a table with 4 rows. On the right is the NetBeans IDE with the 'ActividadM4' project. The 'ActividadM4.java' file is open, showing a GUI titled 'CRUD DE TAREAS CON ESTRUCTURA DAO'. The GUI has fields for ID (5), Tarea (Logout), and Descripción (Crear código de Logout). Below the fields are four buttons: 'Agregar', 'Listar', 'Actualizar', and 'Eliminar'. The 'Actualizar' button is highlighted. The output window shows the application running successfully.

ID	Nombre	Descripción
4	Login Form	en esta tarea haremos el fo
5	Logout	Crear código de Logout
6	Form Agregar nueva Tarea	Formulario para agregar nu
7	Funcion Listar	Agregamos la funcionalidad

The screenshot shows the same two windows as before, but the application has been updated. The 'Actualizar' button is now highlighted. The output window shows the application running successfully. The GUI title is 'CRUD DE TAREAS CON ESTRUCTURA DAO'. The fields are ID (5), Tarea (Logout), and Descripción (Agregamos boton con la funcionalidad Logout). The buttons are 'Agregar', 'Listar', 'Actualizar', and 'Eliminar'. The output window shows the application running successfully.

ID	Nombre	Descripción
4	Login Form	en esta tarea haremos el fo
5	Logout	Crear código de Logout
6	Form Agregar nueva Tarea	Formulario para agregar nu
7	Funcion Listar	Agregamos la funcionalidad

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

academiasofttek

Tables

modulos

tarefas

task

Views

Stored Procedures

Functions

BackendData

ca23069

ca23069-2023

ca23069-db

gestionintegral

rotatoria\_modelo

salida

sys

world

Administration Schemas

Information

Table: task

Columns:

id INT AI PK

title VARCHAR(45)

description VARCHAR(255)

task 3 x

Result Grid

Filter Rows

Limit to 1000 rows

id title description

4 Login Form en esta tarea haremos el formulario para un login

5 Logout Crear codigo de Logout

6 Form Agregar nueva Tarea Formulario para agregar nueva tarea

Output

Action Output

Time Action Message Duration / Fetch

1 21:46:16 SELECT \* FROM academiasofttek.task LIMIT... 2 row(s) returned 0.000 sec / 0.000 sec

2 21:49:11 SELECT \* FROM academiasofttek.task LIMIT... 3 row(s) returned 0.000 sec / 0.000 sec

ActividadM4 - Apache NetBeans IDE 19

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help

default config

Projects Services Files

ActividadM4 [master]

Source Packages

com.academia.activadm

ActividadM4.java

MainApp.java [-M]

TaskTableModel.java

com.academia.activadm

com.academia.activadm

Task.java [-M]

com.academia.activadm

Test Packages

src/main/resources

Other Sources

META-INF

baseDatosTasks

persistence.xml

Dependencies

Java Dependencies

Project Files

DaoSofttek

SqSofttek

Source Packages

com.academia.sqsofttek

Conexion.java

com.academia.sqsofttek

CRUD DE TAREAS CON ESTRUCTURA DAO

ID

Tarea

Descripcion

Agregar Listar Actualizar Eliminar

Output - Run (ActividadM4)

Building ActividadM4 1.0...

from pom.xml

resources:3.3.1:resources

Copying 2 resources from

compiler:3.11.0:compile

Nothing to compile - all

exec:3.1.0:exec (default-cli) 8 ActividadM4

Hello World!

[EL Info]: 2023-11-10 07:26:37.757--ServerSession(355518265)--EclipseLink, version: Eclipse Persistence Services - 2.7.12.v20230209-esc4074e13

ID	Nombre	Descripcion
4	Login Form	en esta tarea haremos el fo
5	Logout	Agregamos boton con la fun
6	Form Agregar nueva Tarea	Formulario para agregar nu
7	Funcion Listar	Agregamos la funcionalidad

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

academiasofttek

Tables

modulos

tarefas

task

Views

Stored Procedures

Functions

BackendData

ca23069

ca23069-2023

ca23069-db

gestionintegral

rotatoria\_modelo

salida

sys

world

Administration Schemas

Information

Table: task

Columns:

id INT AI PK

title VARCHAR(45)

description VARCHAR(255)

task 4 x

Result Grid

Filter Rows

Limit to 1000 rows

id title description

4 Login Form en esta tarea haremos el formulario para un login

5 Logout Agregamos boton con la funcionalidad Logout

6 Form Agregar nueva Tarea Formulario para agregar nueva tarea

7 Funcion Listar Agregamos la funcionalidad Listar en la tabla...

Output

Action Output

Time Action Message Duration / Fetch

1 21:46:16 SELECT \* FROM academiasofttek.task LIMIT... 2 row(s) returned 0.000 sec / 0.000 sec

2 21:49:11 SELECT \* FROM academiasofttek.task LIMIT... 3 row(s) returned 0.000 sec / 0.000 sec

3 07:54:38 SELECT \* FROM academiasofttek.task LIMIT... 4 row(s) returned 0.000 sec / 0.000 sec

ActividadM4 - Apache NetBeans IDE 19

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help

default config

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ActividadM4 [master]

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SqSofttek

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Conexion.java

com.academia.sqsofttek

CRUD DE TAREAS CON ESTRUCTURA DAO

ID

Tarea

Descripcion

Agregar Listar Actualizar Eliminar

Output - Run (ActividadM4)

Building ActividadM4 1.0...

from pom.xml

resources:3.3.1:resources

Copying 2 resources from

compiler:3.11.0:compile

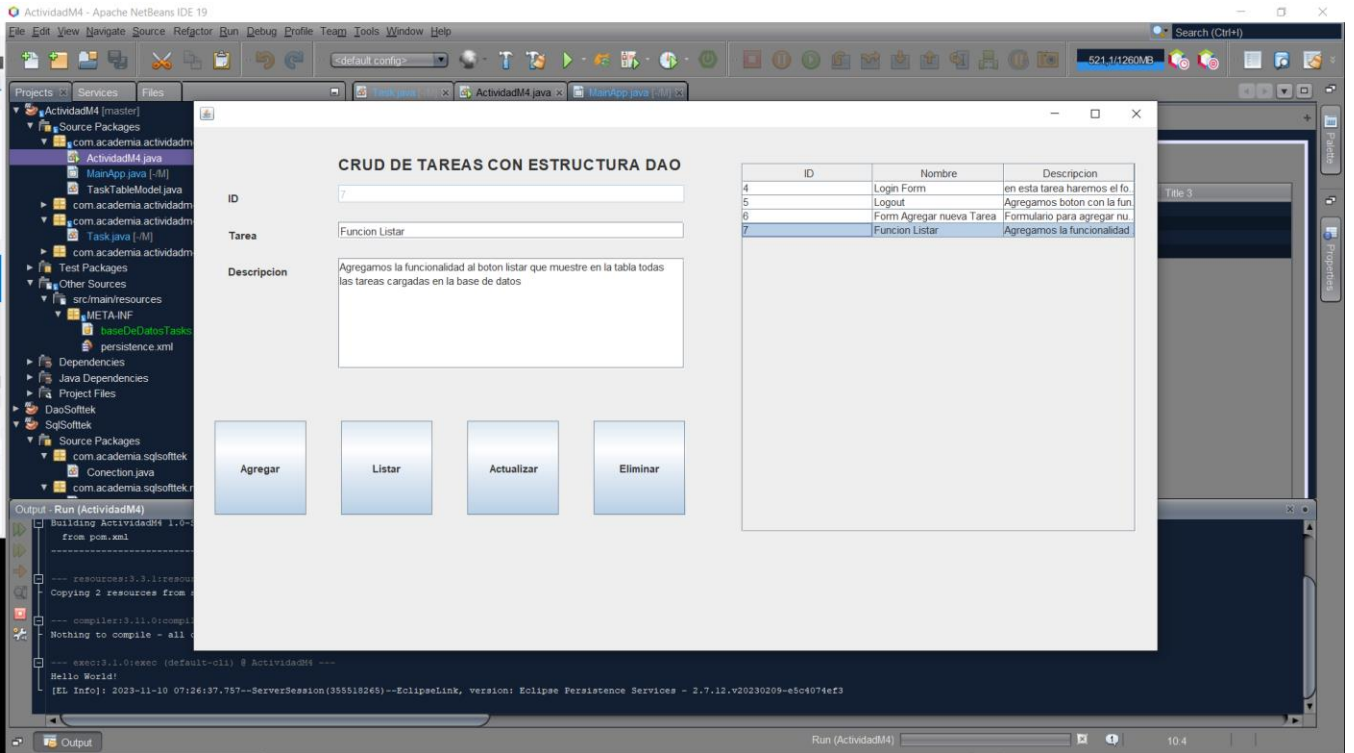
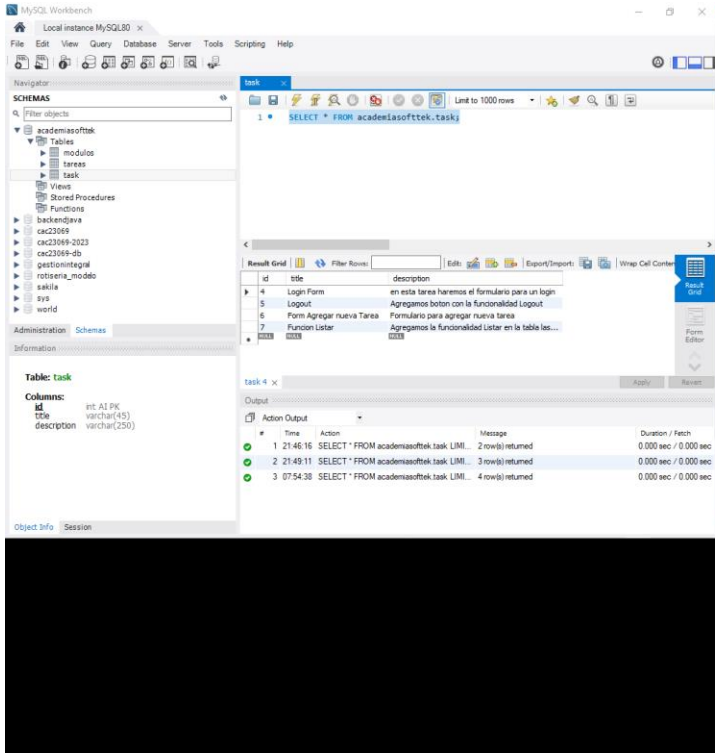
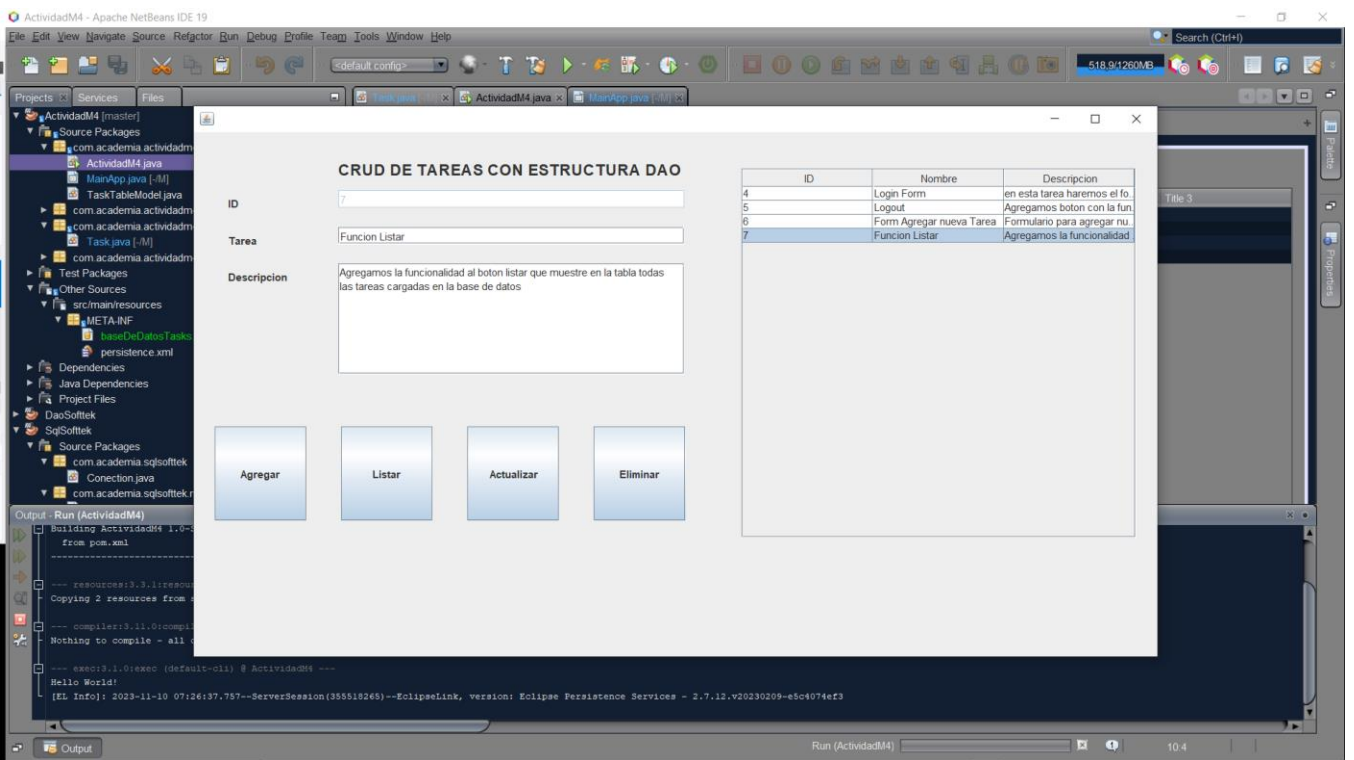
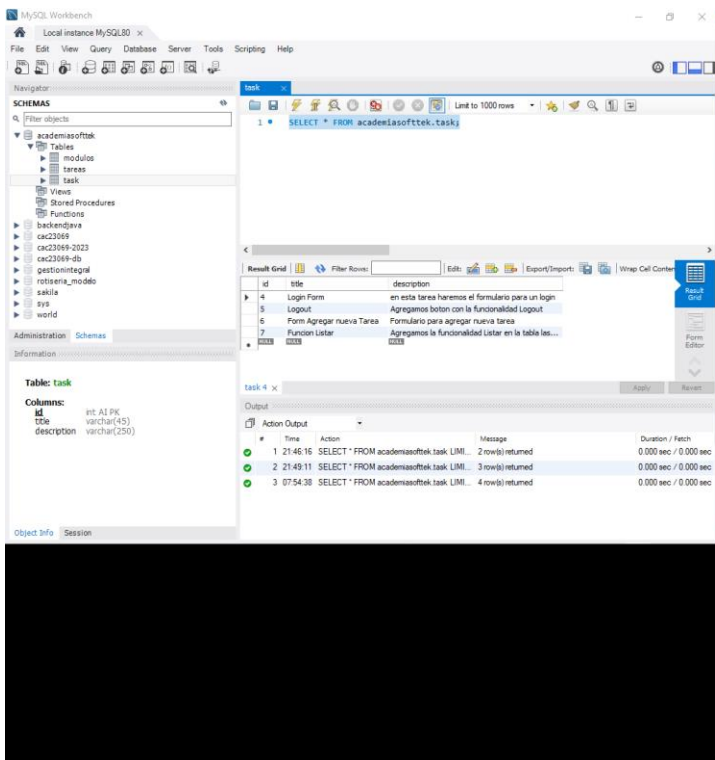
Nothing to compile - all

exec:3.1.0:exec (default-cli) 8 ActividadM4

Hello World!

[EL Info]: 2023-11-10 07:26:37.757--ServerSession(355518265)--EclipseLink, version: Eclipse Persistence Services - 2.7.12.v20230209-esc4074e13

ID	Nombre	Descripcion
4	Login Form	en esta tarea haremos el fo
5	Logout	Agregamos boton con la fun
6	Form Agregar nueva Tarea	Formulario para agregar nu
7	Funcion Listar	Agregamos la funcionalidad





DELETE de tareas (seleccionamos en tabla la tarea a eliminar, se cargan los datos en los TEXTFIELD y presionamos el botón Eliminar)

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

academiasofttek

Tables

modulos

tareas

task

Views

Stored Procedures

Functions

backends

ckc2069

ckc2069-2023

gestionintegral

retroeria\_modelo

sakila

sys

world

Administration

Schemas

Information

Table: task

Columns:

id int AI PK

title varchar(45)

description varchar(250)

Object Info

Session

task

1 SELECT \* FROM academiasofttek.task

Result Grid

Filter Rows

Limit to 1000 rows

Export/Imports

Wrap Cell Contents

Refresh

task 5 x

Output

Action Output

Time Action Message Duration / Fetch

1 21:46:16 SELECT \* FROM academiasofttek.task LIMIT... 2 row(s) returned 0.000 sec / 0.000 sec

2 21:49:11 SELECT \* FROM academiasofttek.task LIMIT... 3 row(s) returned 0.000 sec / 0.000 sec

3 07:54:38 SELECT \* FROM academiasofttek.task LIMIT... 4 row(s) returned 0.000 sec / 0.000 sec

4 08:09:21 SELECT \* FROM academiasofttek.task LIMIT... 4 row(s) returned 0.000 sec / 0.000 sec

ActividadM4 - Apache NetBeans IDE 19

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help

default config

569.4/1260MB

Search (Ctrl+F)

Projects Services Files

ActividadM4 [master]

Source Packages

com.academia.activadm

ActividadM4.java

MainApp.java [-M]

TaskTableModel.java

com.academia.activadm

com.academia.activadm

Task.java [-M]

com.academia.activadm

Test Packages

Other Sources

src/main/resources

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baseDatosTasks

persistence.xml

Dependencies

Java Dependencies

Project Files

DaoSofttek

SqSofttek

Source Packages

com.academia.sqsofttek

Connection.java

com.academia.sqsofttek

Output - Run (ActividadM4)

Building ActividadM4 1.0-0 from pom.xml

resources13.3.1.1resources

Copying 2 resources from

compiler13.11.0compiler

Nothing to compile - all

src:3.1.0:exec (default-cli) @ ActividadM4 ---

Hello World!

[EL Info]: 2023-11-10 07:12:137.757--ServerSession(355518245)--EclipseLink, version: Eclipse Persistence Services - 2.7.12.v20230209-efc4074ef23

Run (ActividadM4)

10.4

CRUD DE TAREAS CON ESTRUCTURA DAO

ID

4

Tarea

Form Agregar nueva Tarea

Descripcion

Formulario para agregar nueva tarea

Agregar

Listar

Actualizar

Eliminar

ID	Nombre	Descripcion
4	Login Form	en esta tarea haremos el fo
5	Logout	Agregamos boton con la fun
6	Form Agregar nueva Tarea	Formulario para agregar nu
7	Funcion Listar	Agregamos la funcionalidad

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

academiasofttek

Tables

modulos

tareas

task

Views

Stored Procedures

Functions

backends

ckc2069

ckc2069-2023

gestionintegral

retroeria\_modelo

sakila

sys

world

Administration

Schemas

Information

Table: task

Columns:

id int AI PK

title varchar(45)

description varchar(250)

Object Info

Session

task

1 SELECT \* FROM academiasofttek.task

Result Grid

Filter Rows

Limit to 1000 rows

Export/Imports

Wrap Cell Contents

Refresh

task 6 x

Output

Action Output

Time Action Message Duration / Fetch

1 21:46:16 SELECT \* FROM academiasofttek.task LIMIT... 2 row(s) returned 0.000 sec / 0.000 sec

2 21:49:11 SELECT \* FROM academiasofttek.task LIMIT... 3 row(s) returned 0.000 sec / 0.000 sec

3 07:54:38 SELECT \* FROM academiasofttek.task LIMIT... 4 row(s) returned 0.000 sec / 0.000 sec

4 08:09:21 SELECT \* FROM academiasofttek.task LIMIT... 4 row(s) returned 0.000 sec / 0.000 sec

5 08:09:49 SELECT \* FROM academiasofttek.task LIMIT... 3 row(s) returned 0.000 sec / 0.000 sec

ActividadM4 - Apache NetBeans IDE 19

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help

default config

571.8/1260MB

Search (Ctrl+F)

Projects Services Files

ActividadM4 [master]

Source Packages

com.academia.activadm

ActividadM4.java

MainApp.java [-M]

TaskTableModel.java

com.academia.activadm

com.academia.activadm

Task.java [-M]

com.academia.activadm

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src/main/resources

META-INF

baseDatosTasks

persistence.xml

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Java Dependencies

Project Files

DaoSofttek

SqSofttek

Source Packages

com.academia.sqsofttek

Connection.java

com.academia.sqsofttek

Output - Run (ActividadM4)

Building ActividadM4 1.0-0 from pom.xml

resources13.3.1.1resources

Copying 2 resources from

compiler13.11.0compiler

Nothing to compile - all

src:3.1.0:exec (default-cli) @ ActividadM4 ---

Hello World!

[EL Info]: 2023-11-10 07:12:137.757--ServerSession(355518245)--EclipseLink, version: Eclipse Persistence Services - 2.7.12.v20230209-efc4074ef23

Run (ActividadM4)

10.4

CRUD DE TAREAS CON ESTRUCTURA DAO

ID

4

Tarea

Form Agregar nueva Tarea

Descripcion

Formulario para agregar nueva tarea

Agregar

Listar

Actualizar

Eliminar

ID	Nombre	Descripcion
4	Login Form	en esta tarea haremos el fo
5	Logout	Agregamos boton con la fun
7	Funcion Listar	Agregamos la funcionalidad





 MySQL Workbench MySQL Workbench