

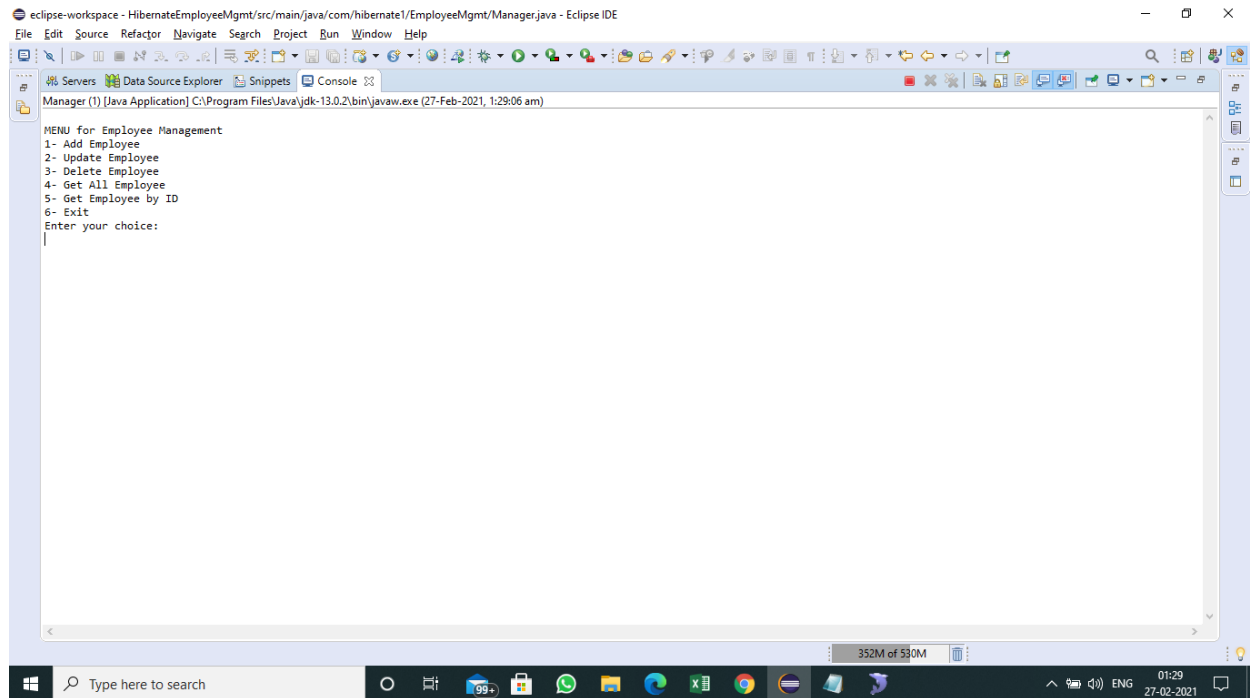
Accolite University Feb Batch 1

Hibernate 1 Assignment

- Meet Shah
(INT626)

SCREENSHOTS

1. Menu

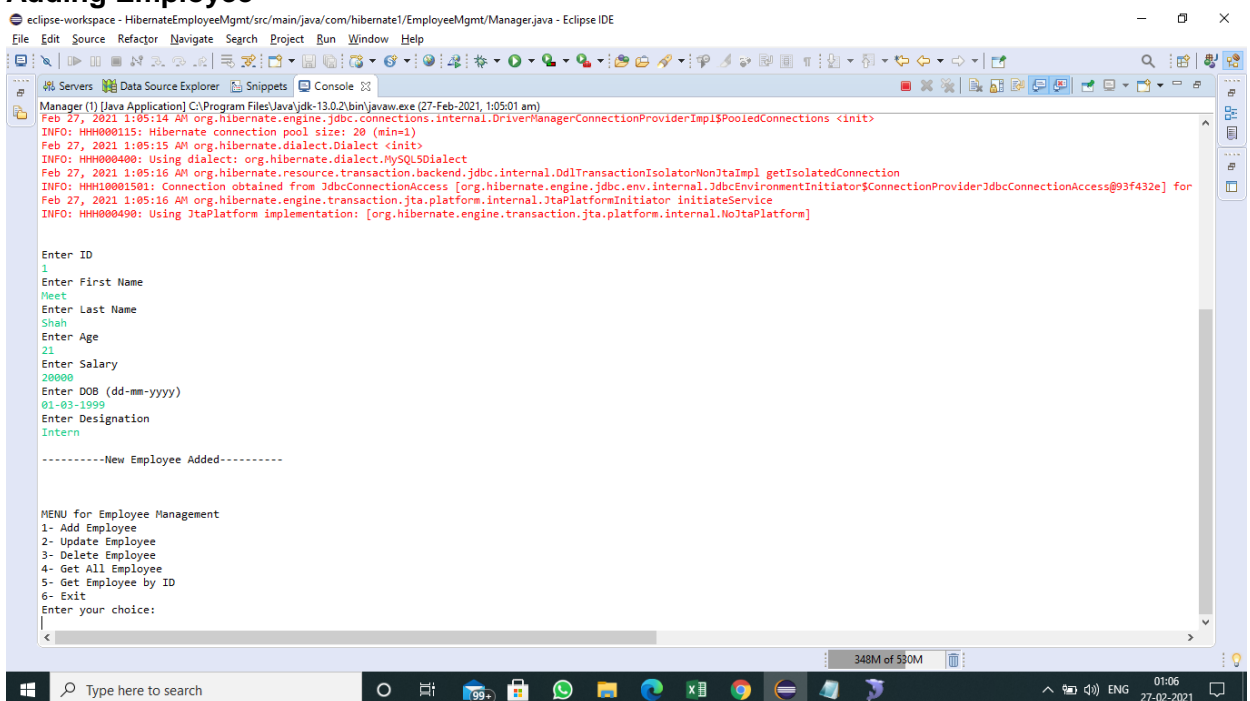


The screenshot shows the Eclipse IDE interface. The main editor displays the `Manager.java` file. The console window at the bottom shows the output of the application, which is a menu for employee management. The menu options are: 1- Add Employee, 2- Update Employee, 3- Delete Employee, 4- Get All Employee, 5- Get Employee by ID, 6- Exit. The user is prompted to enter their choice.

```
Manager (1) [Java Application] C:\Program Files\Java\jdk-13.0.2\bin\javaw.exe (27-Feb-2021, 1:29:06 am)

MENU for Employee Management
1- Add Employee
2- Update Employee
3- Delete Employee
4- Get All Employee
5- Get Employee by ID
6- Exit
Enter your choice:
```

2. Adding Employee



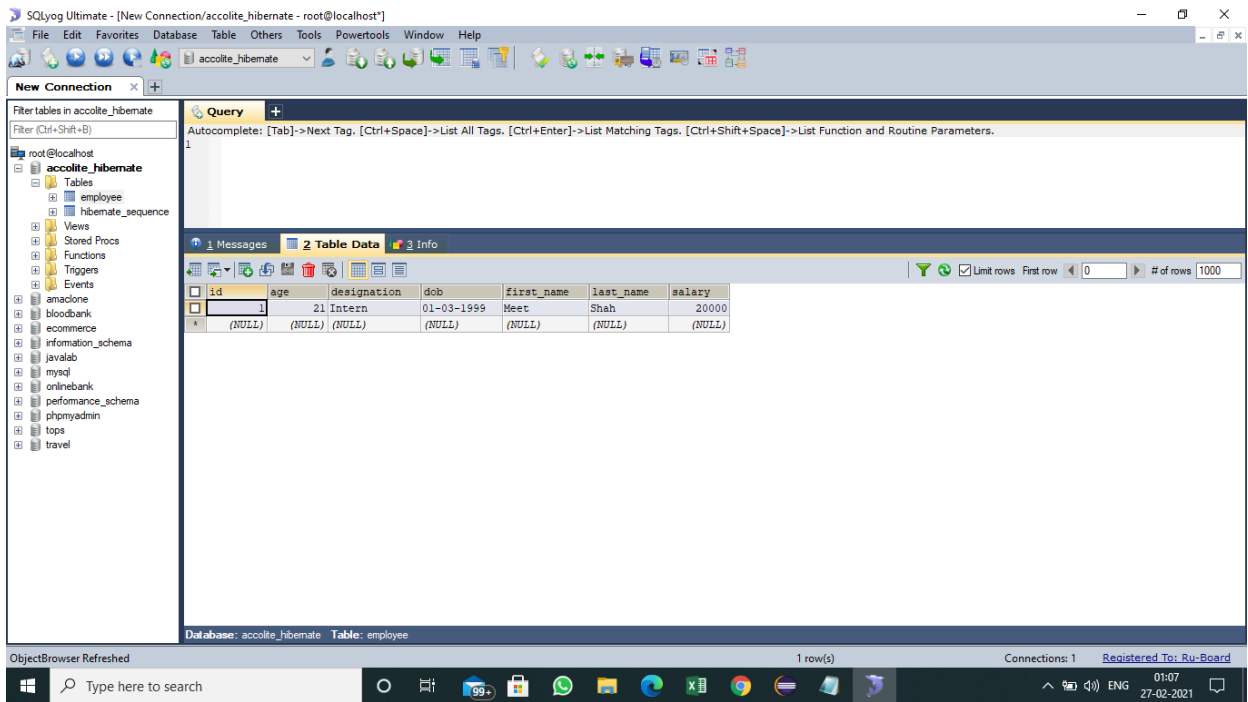
The screenshot shows the Eclipse IDE interface. The main editor displays the `Manager.java` file. The console window at the bottom shows the output of the application, which is the same menu as in the previous screenshot. The user has entered '1' to add a new employee. The application prompts for the following information: Enter ID (1), Enter First Name (Meet), Enter Last Name (Shah), Enter Age (21), Enter Salary (20000), Enter DOB (dd-mm-yyyy) (01-03-1999), Enter Designation (Intern). The application then displays the message: "-----New Employee Added-----". The menu is shown again at the bottom.

```
Manager (1) [Java Application] C:\Program Files\Java\jdk-13.0.2\bin\javaw.exe (27-Feb-2021, 1:05:01 am)
Feb 27, 2021 1:05:14 AM org.hibernate.engine.jdbc.connections.internal.DriverManagerConnectionProviderImp$PooledConnections <init>
INFO: HH4000115: Hibernate connection pool size: 20 (min=1)
Feb 27, 2021 1:05:15 AM org.hibernate.dialect.Dialect <init>
INFO: HH4000400: Using dialect: org.hibernate.dialect.MySQL5Dialect
Feb 27, 2021 1:05:16 AM org.hibernate.resource.transaction.backend.jdbc.internal.OdlTransactionIsolatorNonJtaImpl getIsolatedConnection
INFO: HH410001501: Connection obtained from JdbcConnectionAccess [org.hibernate.engine.jdbc.env.internal.JdbcEnvironmentInitiator$ConnectionProviderJdbcConnectionAccess@93f432e] for
Feb 27, 2021 1:05:16 AM org.hibernate.engine.transaction.jta.platform.internal.JtaPlatformInitiator initiateService
INFO: HH4000490: Using JtaPlatform implementation: [org.hibernate.engine.transaction.jta.platform.internal.NoJtaPlatform]

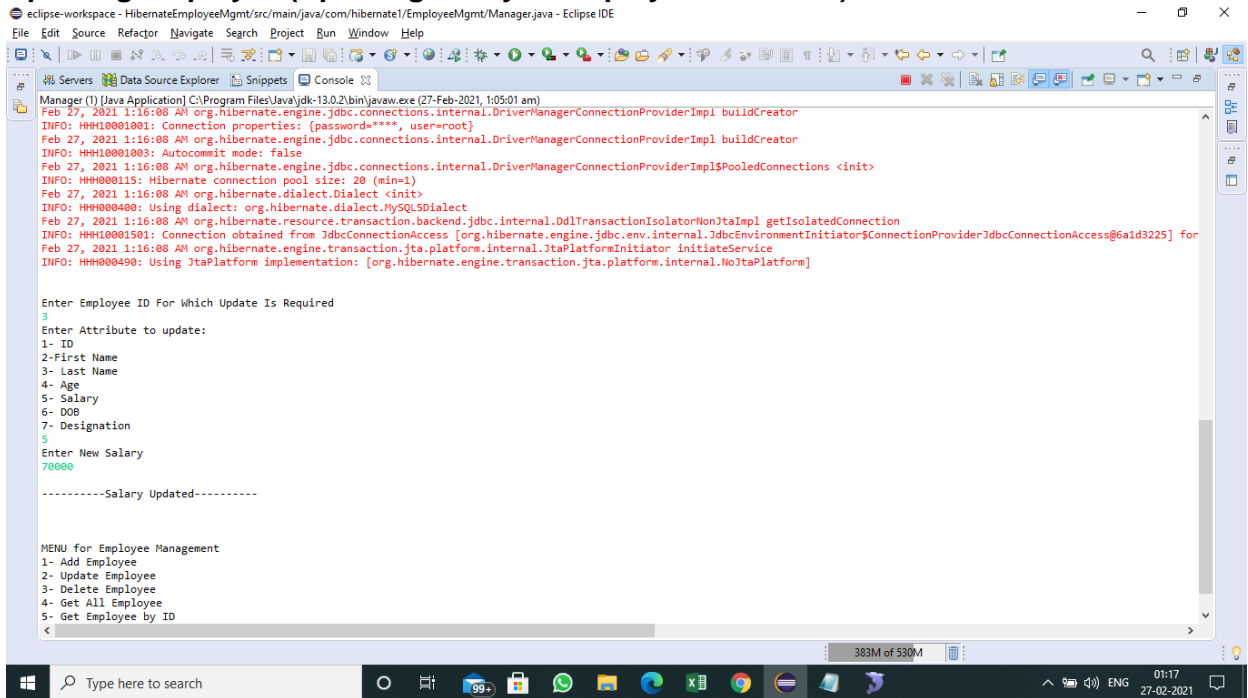
Enter ID
1
Enter First Name
Meet
Enter Last Name
Shah
Enter Age
21
Enter Salary
20000
Enter DOB (dd-mm-yyyy)
01-03-1999
Enter Designation
Intern

-----New Employee Added-----

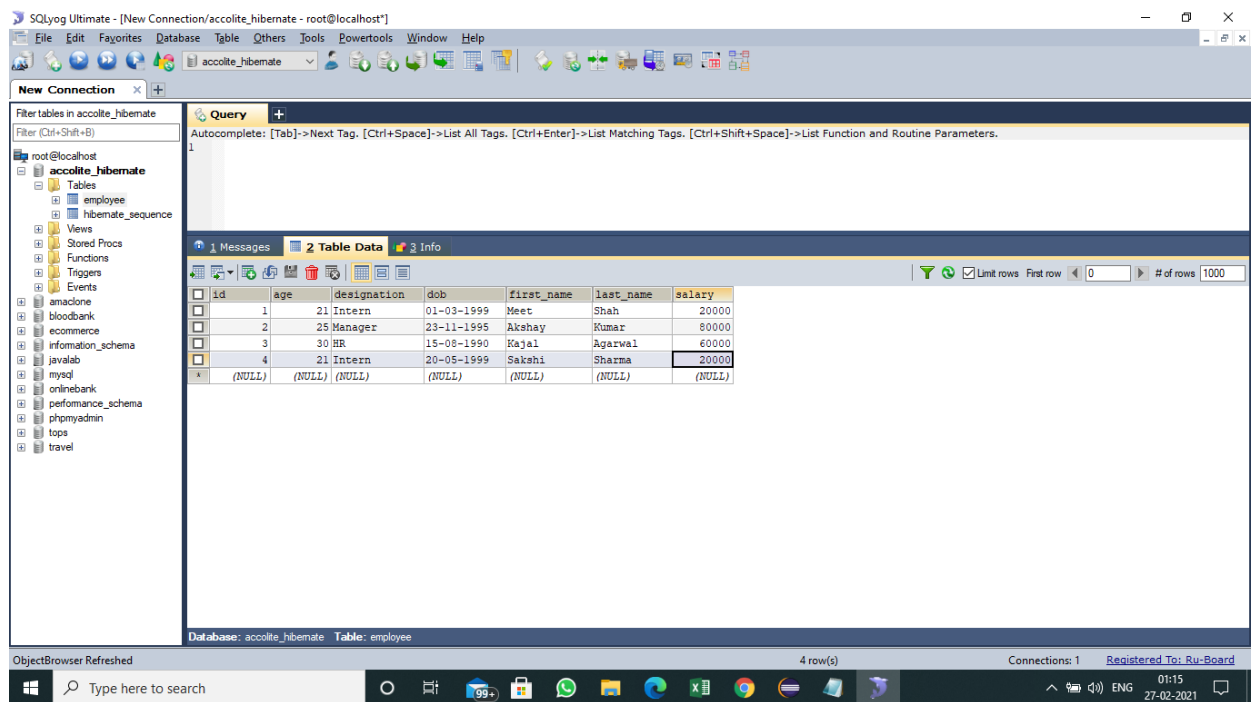
MENU for Employee Management
1- Add Employee
2- Update Employee
3- Delete Employee
4- Get All Employee
5- Get Employee by ID
6- Exit
Enter your choice:
```



3. Updating Employee (Updating salary of employee with id =3)



Database before updating



SQLyog Ultimate - [New Connection/accolite_hibernate - root@localhost]

Filter tables in accolite_hibernate

root@localhost

- accolite_hibernate
 - Tables
 - employee
 - hibernate_sequence
 - Views
 - Stored Procs
 - Functions
 - Triggers
 - Events
- amazon
- bloodbank
- ecommerce
- information_schema
- java1ab
- mysql
- onlinebank
- performance_schema
- phpmyadmin
- tops
- travel

Query

Autocomplete: [Tab]->Next Tag, [Ctrl+Space]->List All Tags, [Ctrl+Enter]->List Matching Tags, [Ctrl+Shift+Space]->List Function and Routine Parameters.

1

Messages

Table Data

Info

Limit rows First row 0 # of rows 1000

id	age	designation	dob	first_name	last_name	salary
1	21	Intern	01-03-1999	Meet	Shah	20000
2	25	Manager	23-11-1995	Akshay	Kumar	80000
3	30	HR	15-08-1990	Kajal	Agarwal	60000
4	21	Intern	20-05-1999	Sakshi	Sharma	20000
(NULL)	(NULL)	(NULL)	(NULL)	(NULL)	(NULL)	(NULL)

Database: accolite_hibernate Table: employee

ObjectBrowser Refreshed

4 row(s)

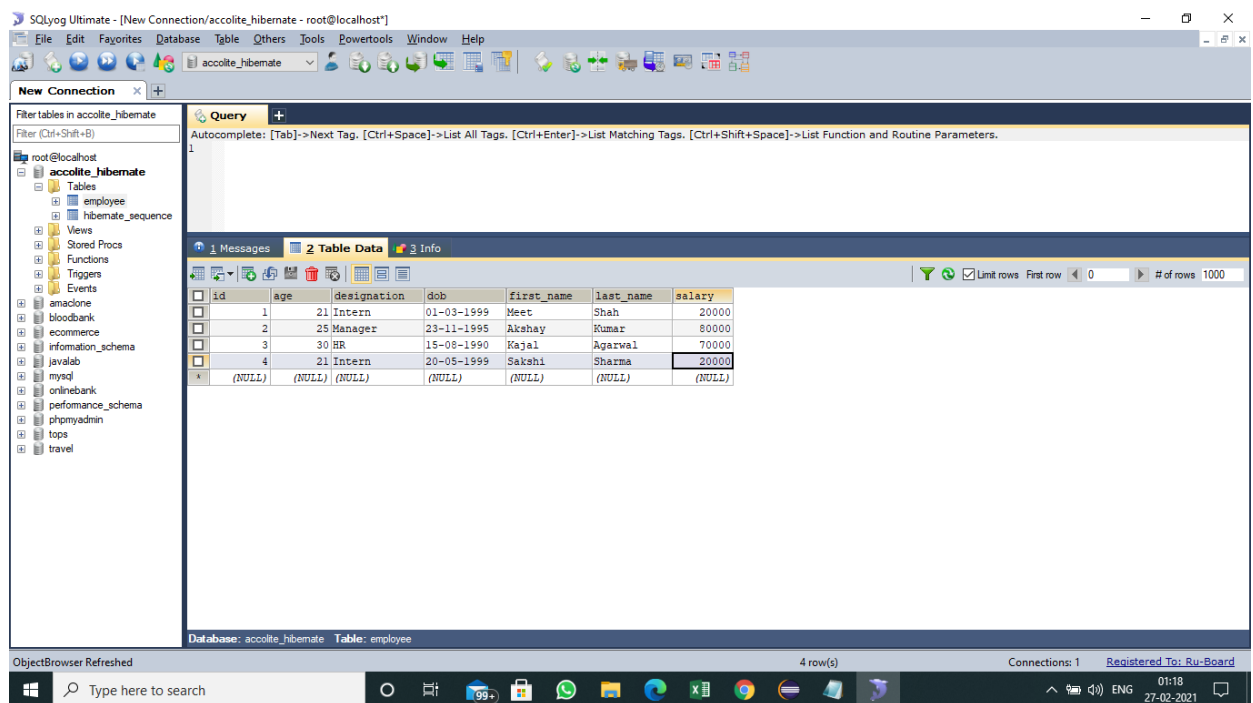
Connections: 1 Registered To: Ru-Board

Type here to search

99+

01:15 27-02-2021

Database after updating



SQLyog Ultimate - [New Connection/accolite_hibernate - root@localhost]

Filter tables in accolite_hibernate

root@localhost

- accolite_hibernate
 - Tables
 - employee
 - hibernate_sequence
 - Views
 - Stored Procs
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- amazon
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- tops
- travel

Query

Autocomplete: [Tab]->Next Tag, [Ctrl+Space]->List All Tags, [Ctrl+Enter]->List Matching Tags, [Ctrl+Shift+Space]->List Function and Routine Parameters.

1

Messages

Table Data

Info

Limit rows First row 0 # of rows 1000

id	age	designation	dob	first_name	last_name	salary
1	21	Intern	01-03-1999	Meet	Shah	20000
2	25	Manager	23-11-1995	Akshay	Kumar	80000
3	30	HR	15-08-1990	Kajal	Agarwal	70000
4	21	Intern	20-05-1999	Sakshi	Sharma	20000
(NULL)	(NULL)	(NULL)	(NULL)	(NULL)	(NULL)	(NULL)

Database: accolite_hibernate Table: employee

ObjectBrowser Refreshed

4 row(s)

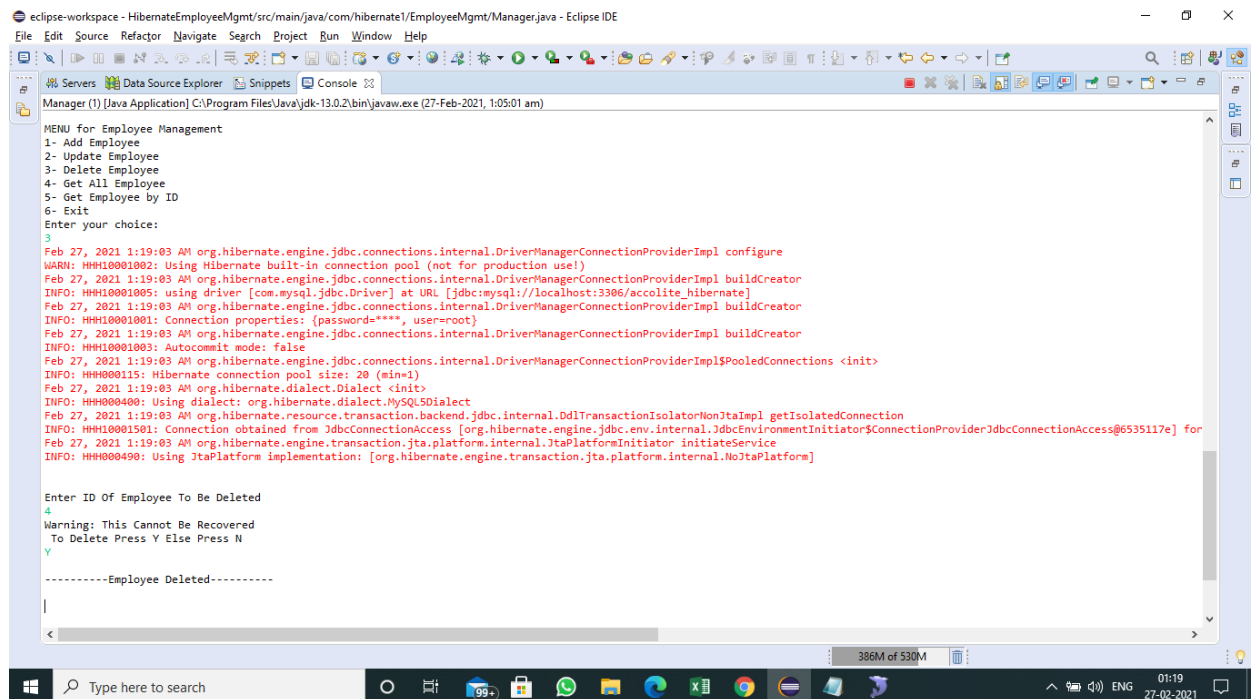
Connections: 1 Registered To: Ru-Board

Type here to search

99+

01:18 27-02-2021

4. Delete Employee (Deleting Employee with id=4)

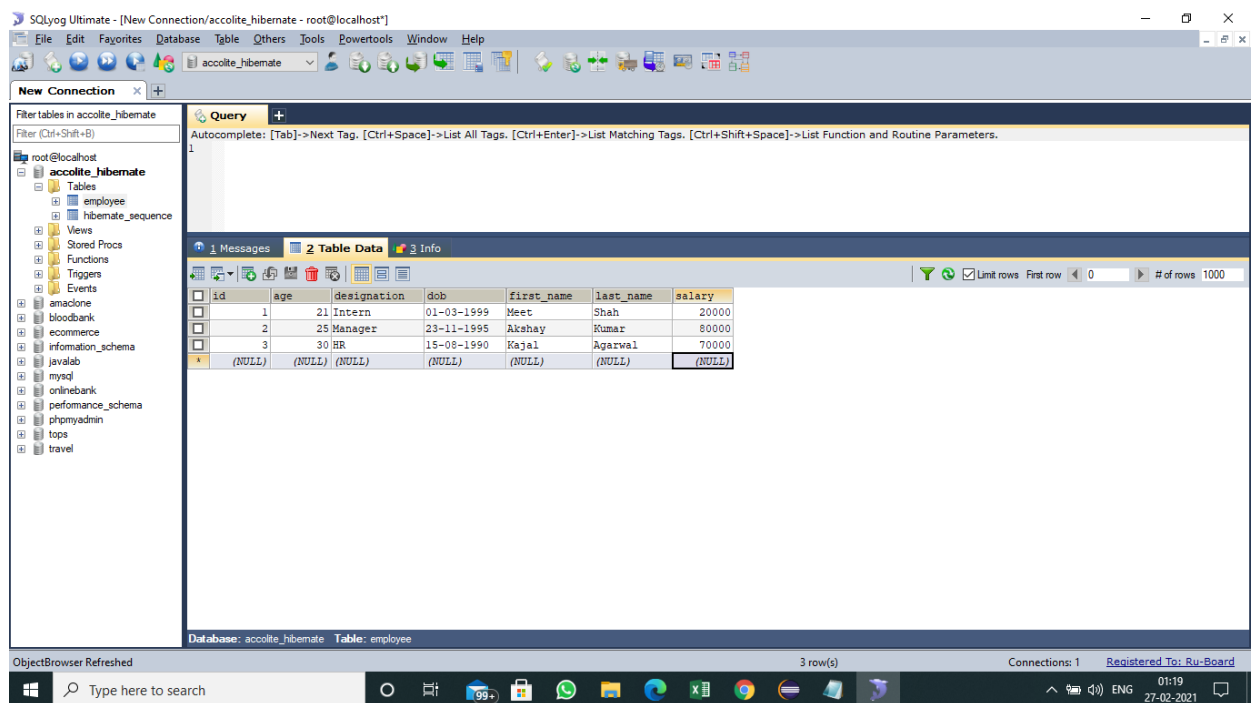


```
eclipse-workspace - HibernateEmployeeMgmt/src/main/java/com/hibernate1/EmployeeMgmt/Manager.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Servers Data Source Explorer Snippets Console
Manager (1) [Java Application] C:\Program Files\Java\jdk-13.0.2\bin\javaw.exe (27-Feb-2021, 1:05:01 am)

MENU for Employee Management
1- Add Employee
2- Update Employee
3- Delete Employee
4- Get All Employee
5- Get Employee by ID
6- Exit
Enter your choice:
3

Feb 27, 2021 1:19:03 AM org.hibernate.engine.jdbc.connections.internal.DriverManagerConnectionProviderImpl configure
WARN: HHH10001002: Using Hibernate built-in connection pool (not for production use!)
Feb 27, 2021 1:19:03 AM org.hibernate.engine.jdbc.connections.internal.DriverManagerConnectionProviderImpl buildCreator
INFO: HHH10001005: using driver [com.mysql.jdbc.Driver] at URL [jdbc:mysql://localhost:3306/accolite_hibernate]
Feb 27, 2021 1:19:03 AM org.hibernate.engine.jdbc.connections.internal.DriverManagerConnectionProviderImpl buildCreator
INFO: HHH10001001: Connection properties: {password=****, user=root}
Feb 27, 2021 1:19:03 AM org.hibernate.engine.jdbc.connections.internal.DriverManagerConnectionProviderImpl buildCreator
INFO: HHH10001003: Autocommit mode: false
Feb 27, 2021 1:19:03 AM org.hibernate.engine.jdbc.connections.internal.DriverManagerConnectionProviderImpl$PooledConnections <init>
INFO: HHH0000115: Hibernate connection pool size: 20 (min=1)
Feb 27, 2021 1:19:03 AM org.hibernate.dialect.Dialect <init>
INFO: HHH0000400: Using dialect: org.hibernate.dialect.MySQL5Dialect
Feb 27, 2021 1:19:03 AM org.hibernate.resource.transaction.backend.jdbc.internal.DdlTransactionIsolatorNonJtaImpl getIsolatedConnection
INFO: HHH10001501: Connection obtained from JdbcConnectionAccess [org.hibernate.engine.jdbc.env.internal.JdbcEnvironmentInitiator$ConnectionProviderJdbcConnectionAccess@6535117e] for
Feb 27, 2021 1:19:03 AM org.hibernate.engine.transaction.jta.platform.internal.JtaPlatformInitiator initiateService
INFO: HHH0000490: Using JtaPlatform implementation: [org.hibernate.engine.transaction.jta.platform.internal.NoJtaPlatform]

Enter ID Of Employee To Be Deleted
4
Warning: This Cannot Be Recovered
To Delete Press Y Else Press N
Y
-----Employee Deleted-----
```



SQLyog Ultimate - [New Connection/accolite_hibernate - root@localhost]

Filter tables in accolite_hibernate

root@localhost

- accolite_hibernate
 - Tables
 - employee
 - hibernate_sequence
 - Views
 - Stored Procs
 - Functions
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- amazon
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- mysql
- onlinebank
- performance_schema
- phpmyadmin
- tips
- travel

Autocompletes: [Tab]->Next Tag, [Ctrl+Space]->List All Tags, [Ctrl+Enter]->List Matching Tags, [Ctrl+Shift+Space]->List Function and Routine Parameters.

1

Messages 2 Table Data 3 Info

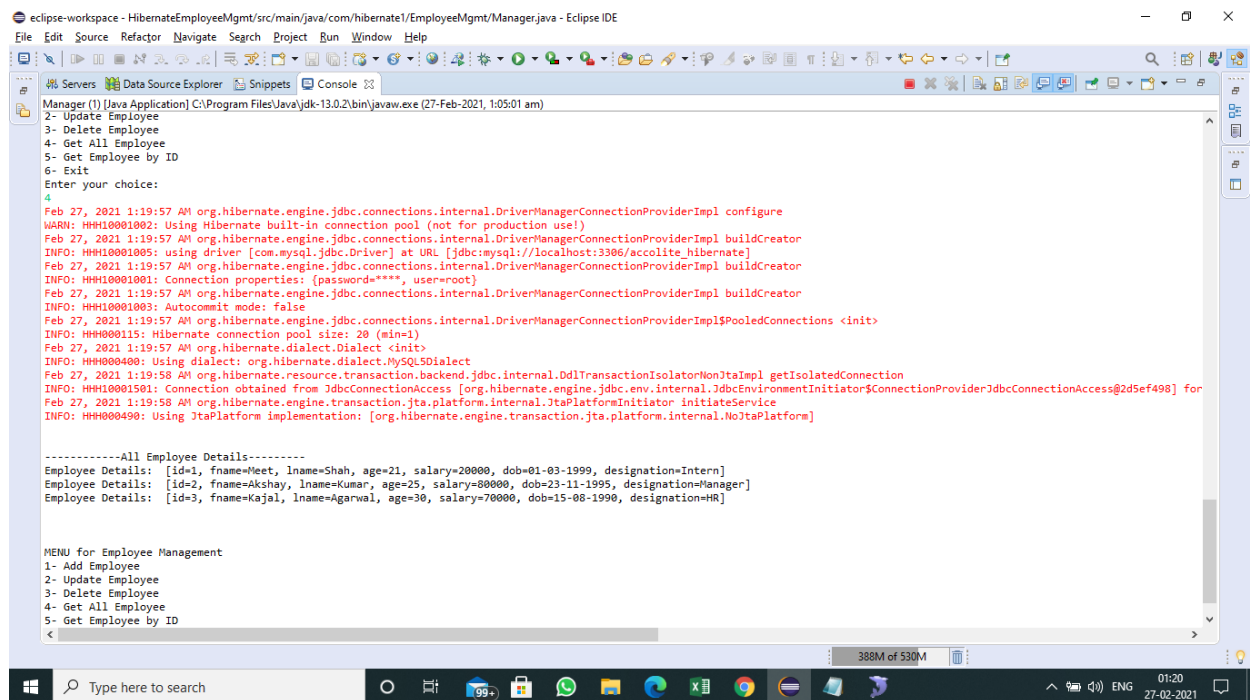
Limit rows First row 0 # of rows 1000

id	age	designation	dob	first_name	last_name	salary
1	21	Intern	01-03-1999	Meet	Shah	20000
2	25	Manager	23-11-1995	Akshay	Kumar	80000
3	30	HR	15-08-1990	Kajal	Agarwal	70000
(NULL)	(NULL)	(NULL)	(NULL)	(NULL)	(NULL)	(NULL)

Database: accolite_hibernate Table: employee

ObjectBrowser Refreshed 3 row(s) Connections: 1 Registered To: Ru-Board

5. Getting all Employee details



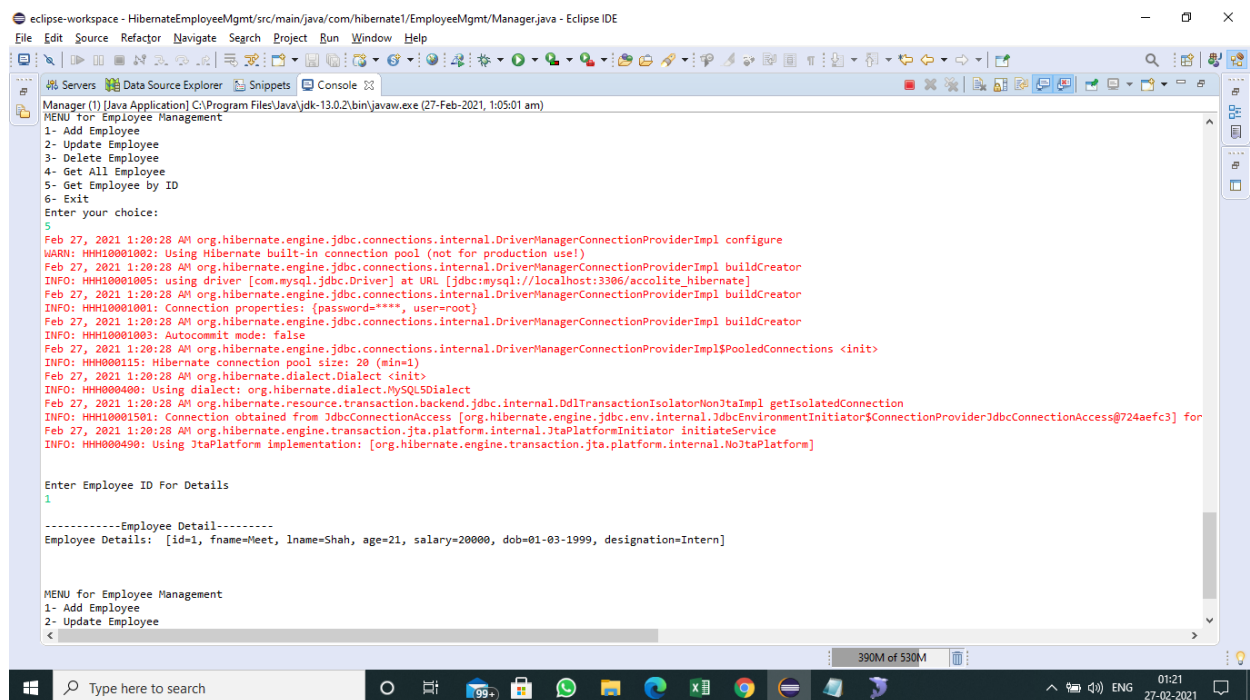
```
eclipse-workspace - HibernateEmployeeMgmt/src/main/java/com/hibernate1/EmployeeMgmt/Manager.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help

Manager (1) [Java Application] C:\Program Files\Java\jdk-13.0.2\bin\javaw.exe (27-Feb-2021, 1:05:01 am)
2- Update Employee
3- Delete Employee
4- Get All Employee
5- Get Employee by ID
6- Exit
Enter your choice:
4
Feb 27, 2021 1:19:57 AM org.hibernate.engine.jdbc.connections.internal.DriverManagerConnectionProviderImpl configure
WARN: HHH10001002: Using Hibernate built-in connection pool (not for production use!)
Feb 27, 2021 1:19:57 AM org.hibernate.engine.jdbc.connections.internal.DriverManagerConnectionProviderImpl buildCreator
INFO: HHH10001005: using driver [com.mysql.jdbc.Driver] at URL [jdbc:mysql://localhost:3306/accolite_hibernate]
Feb 27, 2021 1:19:57 AM org.hibernate.engine.jdbc.connections.internal.DriverManagerConnectionProviderImpl buildCreator
INFO: HHH10001001: Connection properties: {password=****, user=root}
Feb 27, 2021 1:19:57 AM org.hibernate.engine.jdbc.connections.internal.DriverManagerConnectionProviderImpl buildCreator
INFO: HHH10001003: Autocommit mode: false
Feb 27, 2021 1:19:57 AM org.hibernate.engine.jdbc.connections.internal.DriverManagerConnectionProviderImpl$PooledConnections <init>
INFO: HHH0000115: Hibernate connection pool size: 20 (min=1)
Feb 27, 2021 1:19:57 AM org.hibernate.dialect.Dialect <init>
INFO: HHH0000400: Using dialect: org.hibernate.dialect.MySQL5Dialect
Feb 27, 2021 1:19:58 AM org.hibernate.resource.transaction.backend.jdbc.internal.DdlTransactionIsolatorNonJtaImpl getIsolatedConnection
INFO: HHH10001501: Connection obtained from JdbcConnectionAccess [org.hibernate.engine.jdbc.env.internal.JdbcEnvironmentInitiator$ConnectionProviderJdbcConnectionAccess@2d5ef498] for
Feb 27, 2021 1:19:58 AM org.hibernate.engine.transaction.jta.platform.internal.JtaPlatformInitiator initiateService
INFO: HHH000490: Using JtaPlatform implementation: [org.hibernate.engine.transaction.jta.platform.internal.NoJtaPlatform]

-----All Employee Details-----
Employee Details: [id=1, fname=Meet, lname=Shah, age=21, salary=20000, dob=01-03-1999, designation=Intern]
Employee Details: [id=2, fname=Akshay, lname=Kumar, age=25, salary=80000, dob=23-11-1995, designation=Manager]
Employee Details: [id=3, fname=Kajal, lname=Agarwal, age=30, salary=70000, dob=15-08-1990, designation=HR]

MENU for Employee Management
1- Add Employee
2- Update Employee
3- Delete Employee
4- Get All Employee
5- Get Employee by ID
6- Exit
<
```

6. Getting Employee Details by ID (Employee id = 1)



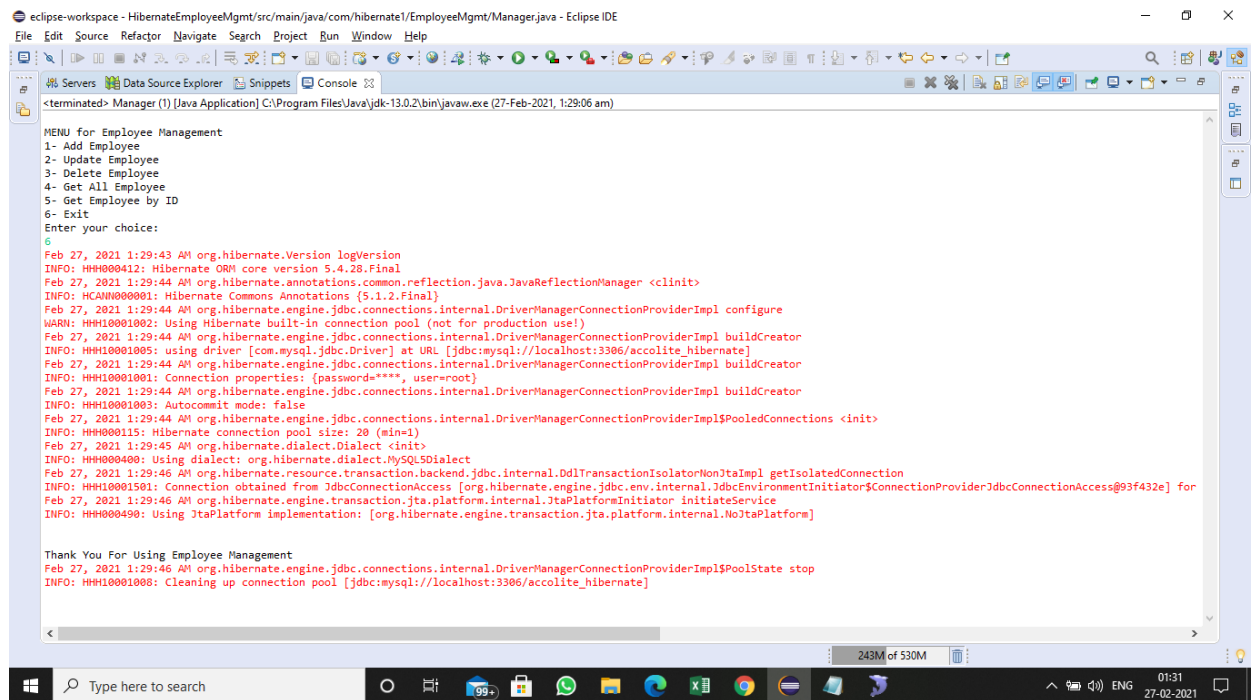
```
eclipse-workspace - HibernateEmployeeMgmt/src/main/java/com/hibernate1/EmployeeMgmt/Manager.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help

Manager (1) [Java Application] C:\Program Files\Java\jdk-13.0.2\bin\javaw.exe (27-Feb-2021, 1:05:01 am)
MENU for Employee Management
1- Add Employee
2- Update Employee
3- Delete Employee
4- Get All Employee
5- Get Employee by ID
6- Exit
Enter your choice:
5
Feb 27, 2021 1:20:28 AM org.hibernate.engine.jdbc.connections.internal.DriverManagerConnectionProviderImpl configure
WARN: HHH10001002: Using Hibernate built-in connection pool (not for production use!)
Feb 27, 2021 1:20:28 AM org.hibernate.engine.jdbc.connections.internal.DriverManagerConnectionProviderImpl buildCreator
INFO: HHH10001005: using driver [com.mysql.jdbc.Driver] at URL [jdbc:mysql://localhost:3306/accolite_hibernate]
Feb 27, 2021 1:20:28 AM org.hibernate.engine.jdbc.connections.internal.DriverManagerConnectionProviderImpl buildCreator
INFO: HHH10001001: Connection properties: {password=****, user=root}
Feb 27, 2021 1:20:28 AM org.hibernate.engine.jdbc.connections.internal.DriverManagerConnectionProviderImpl buildCreator
INFO: HHH10001003: Autocommit mode: false
Feb 27, 2021 1:20:28 AM org.hibernate.engine.jdbc.connections.internal.DriverManagerConnectionProviderImpl$PooledConnections <init>
INFO: HHH0000115: Hibernate connection pool size: 20 (min=1)
Feb 27, 2021 1:20:28 AM org.hibernate.dialect.Dialect <init>
INFO: HHH0000400: Using dialect: org.hibernate.dialect.MySQL5Dialect
Feb 27, 2021 1:20:28 AM org.hibernate.resource.transaction.backend.jdbc.internal.DdlTransactionIsolatorNonJtaImpl getIsolatedConnection
INFO: HHH10001501: Connection obtained from JdbcConnectionAccess [org.hibernate.engine.jdbc.env.internal.JdbcEnvironmentInitiator$ConnectionProviderJdbcConnectionAccess@72aeefc3] for
Feb 27, 2021 1:20:28 AM org.hibernate.engine.transaction.jta.platform.internal.JtaPlatformInitiator initiateService
INFO: HHH000490: Using JtaPlatform implementation: [org.hibernate.engine.transaction.jta.platform.internal.NoJtaPlatform]

Enter Employee ID For Details
1
-----Employee Detail-----
Employee Details: [id=1, fname=Meet, lname=Shah, age=21, salary=20000, dob=01-03-1999, designation=Intern]

MENU for Employee Management
1- Add Employee
2- Update Employee
3- Delete Employee
4- Get All Employee
5- Get Employee by ID
6- Exit
<
```

7. Exiting



The screenshot shows the Eclipse IDE interface with the console window open. The console displays the output of a Java application named 'Manager'. The application has terminated, and the console shows a menu for employee management, user input, and various Hibernate logs. The logs indicate the application is using Hibernate 5.4.28.Final, MySQL JDBC driver, and a connection pool. The application ends with a 'Thank You' message and logs the cleanup of the connection pool.

```
eclipse-workspace - HibernateEmployeeMgmt/src/main/java/com/hibernate1/EmployeeMgmt/Manager.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Servers Data Source Explorer Snippets Console
<terminated> Manager (1) [Java Application] C:\Program Files\Java\jdk-13.0.2\bin\javaw.exe (27-Feb-2021, 1:29:06 am)

MENU for Employee Management
1- Add Employee
2- Update Employee
3- Delete Employee
4- Get All Employee
5- Get Employee by ID
6- Exit
Enter your choice:
6

Feb 27, 2021 1:29:43 AM org.hibernate.Version logVersion
INFO: HHH0000412: Hibernate ORM core version 5.4.28.Final
Feb 27, 2021 1:29:44 AM org.hibernate.annotations.common.reflection.java.JavaReflectionManager <clinit>
INFO: HCA00000001: Hibernate Commons Annotations (5.1.2.Final)
Feb 27, 2021 1:29:44 AM org.hibernate.engine.jdbc.connections.internal.DriverManagerConnectionProviderImpl configure
WARN: HHH10001002: Using Hibernate built-in connection pool (not for production use!)
Feb 27, 2021 1:29:44 AM org.hibernate.engine.jdbc.connections.internal.DriverManagerConnectionProviderImpl buildCreator
INFO: HHH10001005: using driver [com.mysql.jdbc.Driver] at URL [jdbc:mysql://localhost:3306/accolite_hibernate]
Feb 27, 2021 1:29:44 AM org.hibernate.engine.jdbc.connections.internal.DriverManagerConnectionProviderImpl buildCreator
INFO: HHH10001006: Connection properties: {password=****, user=root}
Feb 27, 2021 1:29:44 AM org.hibernate.engine.jdbc.connections.internal.DriverManagerConnectionProviderImpl buildCreator
INFO: HHH10001003: Autocommit mode: false
Feb 27, 2021 1:29:44 AM org.hibernate.engine.jdbc.connections.internal.DriverManagerConnectionProviderImpl$PooledConnections <init>
INFO: HHH000115: Hibernate connection pool size: 20 (min=1)
Feb 27, 2021 1:29:45 AM org.hibernate.dialect.Dialect <init>
INFO: HHH0000400: Using dialect: org.hibernate.dialect.MySQL5Dialect
Feb 27, 2021 1:29:46 AM org.hibernate.resource.transaction.backend.jdbc.internal.DdlTransactionIsolatorNonJtaImpl getIsolatedConnection
INFO: HHH10001501: Connection obtained from JdbcConnectionAccess [org.hibernate.engine.jdbc.env.internal.JdbcEnvironmentInitiator$ConnectionProviderJdbcConnectionAccess@93f432e] for
Feb 27, 2021 1:29:46 AM org.hibernate.transaction.jta.platform.internal.JtaPlatformInitiator initiateService
INFO: HHH000490: Using JtaPlatform implementation: [org.hibernate.engine.transaction.jta.platform.internal.NoJtaPlatform]

Thank You For Using Employee Management
Feb 27, 2021 1:29:46 AM org.hibernate.engine.jdbc.connections.internal.DriverManagerConnectionProviderImpl$PoolState stop
INFO: HHH10001008: Cleaning up connection pool [jdbc:mysql://localhost:3306/accolite_hibernate]
```