1.

Create Employee

Run | Run Selected | Auto complete | Clear | SQL statement:

select * from EMPLOYEE;

select * from EMPLOYEE;

ID	AGE	DESIGNATION	DOB	FNAME	LNAME	SALARY
7	35	Analyst	27-08-1985	Syed	Maqthyar	30000

(1 row, 2 ms)

Edit

Update Employee

select * from EMPLOYEE;

ID	AGE	DESIGNATION	DOB	FNAME	LNAME	SALARY
7	35	Analyst	27-08-1985	Syed	Maqthyar	30000
8	19	Intern	23-08-1989	John	Doe	24000
9	35	CEO	30-03-1989	Joe	Denly	60000

(3 rows, 1 ms)

Edit

```
Run:   Menu

    Enter Your choice

    1. Create Employee

    2. Update  Employee

    3. Delete Employee

    4. Get all Employees

    5. Get Employee by ID

    6. Exit

    Enter your choice

    2


    Enter Employee ID to Update
    8
    Enter the field to update
    1.Firstname
    2.Lastname
    3.Age
    4.Salary
    5.DOB
    6.Designation

    1
    Hibernate: select employee0_.id as id1_0_0_, employee0_.age as age2_0_0_, employee0_.designation as designat3_0_0_, employee0_.dob as dob4_0_0_, emp
    Enter New Firstname

    Aaron
    Firstname Updated
    Hibernate: update Employee set age=?, designation=?, dob=?, fname=?, lname=?, salary=? where id=?
    Feb 28, 2021 3:19:06 PM org.hibernate.engine.jdbc.connections.internal.DriverManagerConnectionProviderImpl configure
```
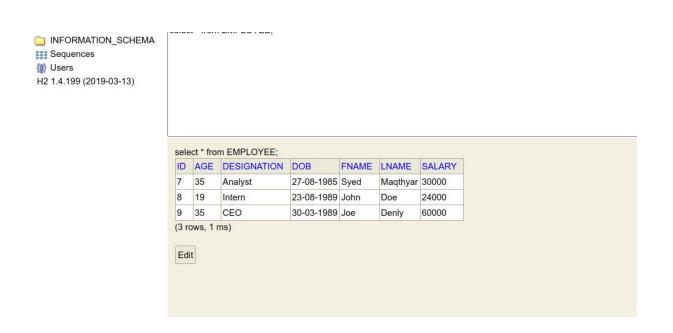
After updating the first name of ID = 8

dbc:h2:~/test

- EMPLOYEE
- INFORMATION_SCHEMA
- Sequences
- Users

H2 1.4.199 (2019-03-13)

| Run | Run Selected | Auto complete | Clear | SQL statement: |

```
select * from EMPLOYEE;
```

select * from EMPLOYEE;

ID	AGE	DESIGNATION	DOB	FNAME	LNAME	SALARY
7	35	Analyst	27-08-1985	Syed	Maqthyar	30000
8	19	Intern	23-08-1989	Aaron	Doe	24000
9	35	CEO	30-03-1989	Joe	Denly	60000

(3 rows, 3 ms)

Edit

Delete Employee

```
INFO: HHH10001501: Connection obtained from JdbcConnectionAccess [org.hibernate.engine.jdbc.env.internal.JdbcEnvironmentInitiator$ConnectionProviderJdbcC
Feb 28, 2021 3:19:06 PM org.hibernate.engine.transaction.jta.platform.internal.JtaPlatformInitiator initiateService
INFO: HHH000490: Using JtaPlatform implementation: [org.hibernate.engine.transaction.jta.platform.internal.NoJtaPlatform]
Enter Your choice

1. Create Employee

2. Update  Employee

3. Delete Employee

4. Get all Employees

5. Get Employee by ID

6. Exit

Enter your choice

3


Enter ID of Employee to delete
9
Warning: this can't be recovered
 Press Y/y to confirm...
y
Hibernate: select employee0_.id as id1_0_0_, employee0_.age as age2_0_0_, employee0_.designation as designat3_0_0_, employee0_.dob as dob4_0_0_, employee
Employee deleted
Hibernate: delete from Employee where id=?
Feb 28, 2021 3:21:08 PM org.hibernate.engine.jdbc.connections.internal.DriverManagerConnectionProviderImpl configure
```
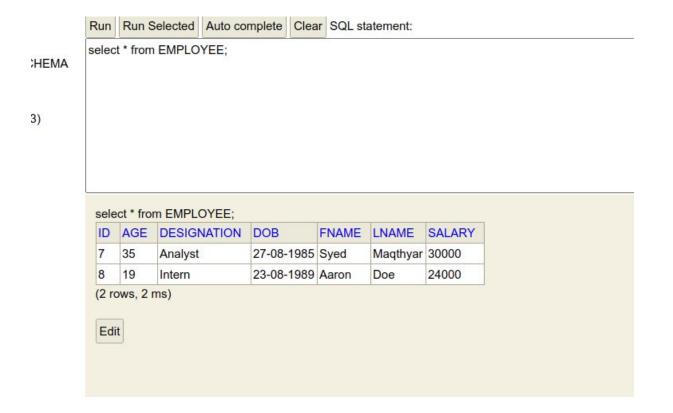
After Deletion

Run | Run Selected | Auto complete | Clear | SQL statement:

select * from EMPLOYEE;

CHEMA

3)

select * from EMPLOYEE;

ID	AGE	DESIGNATION	DOB	FNAME	LNAME	SALARY
7	35	Analyst	27-08-1985	Syed	Maqthyar	30000
8	19	Intern	23-08-1989	Aaron	Doe	24000

(2 rows, 2 ms)

Edit

Get all Employees

```
INFO: HHH10001501: Connection obtained from JdbcConnectionAccess [org.hibernate.engine.jdbc.env.internal.JdbcEnvironmentInitiator$ConnectionProviderJdbcConnectionAccess@1c9fbb61] for (non-JTA) DDL execution was n
Feb 28, 2021 3:21:08 PM org.hibernate.engine.transaction.jta.platform.internal.JtaPlatformInitiator initiateService
INFO: HHH000490: Using JtaPlatform implementation: [org.hibernate.engine.transaction.jta.platform.internal.NoJtaPlatform]
Enter Your choice

1. Create Employee

2. Update  Employee

3. Delete Employee

4. Get all Employees

5. Get Employee by ID

6. Exit

Enter your choice

4

Hibernate: select employee0_.id as id1_0_, employee0_.age as age2_0_, employee0_.designation as designat3_0_, employee0_.dob as dob4_0_, employee0_.fname as fname5_0_, employee0_.lname as lname6_0_, employee0_.sa
Employee details
Employee{id=7, fname='Syed', lname='Maqthyar', age=35, salary=30000, dob='27-08-1985', designation='Analyst'}
Employee{id=8, fname='Aaron', lname='Doe', age=19, salary=24000, dob='23-08-1989', designation='Intern'}
Feb 28, 2021 3:22:50 PM org.hibernate.engine.jdbc.connections.internal.DriverManagerConnectionProviderImpl configure
```

Get Employee by ID

```
Feb 28, 2021 3:21:08 PM org.hibernate.engine.transaction.jta.platform.internal.JtaPlatformInitiator initiateService
INFO: HHH000490: Using JtaPlatform implementation: [org.hibernate.engine.transaction.jta.platform.internal.NoJtaPlatform]
Enter Your choice

1. Create Employee

2. Update  Employee

3. Delete Employee

4. Get all Employees

5. Get Employee by ID

6. Exit

Enter your choice

5

Enter employee ID
7
Employee Detail
Hibernate: select employee0_.id as id1_0_0_, employee0_.age as age2_0_0_, employee0_.designation as designat3_0_0_, employee0_.dob as dob4_0_0_, employee0_.fname as fname5_0_0_, employee0_.
Employee{id=7, fname='Syed', lname='Maqthyar', age=35, salary=30000, dob='27-08-1985', designation='Analyst'}
Feb 28, 2021 3:23:25 PM org.hibernate.engine.jdbc.connections.internal.DriverManagerConnectionProviderImpl configure
WARN: HHH10001002: Using Hibernate built-in connection pool (not for production use!)
```

2.1

2.3

| Run | Run Selected | Auto complete | Clear | SQL statement: |

```
SELECT * FROM USERS;
SELECT * FROM SHARES ;
```

SELECT * FROM USERS;

USER_ID	NAME
201	C1
202	C2
203	C3

(3 rows, 0 ms)

SELECT * FROM SHARES ;

SHARE_ID	NAME	USER_USER_ID
301	P1	201
302	P2	201
303	P3	202
304	P4	202
305	P5	203

(5 rows, 0 ms)