

OUTPUT SCREENSHOTS

The screenshot shows the Eclipse IDE interface with the following details:

- Project Structure:** The Package Explorer shows the project structure for "EmployeeAndIdCard". It includes the main package "EmployeeAndIdCard" containing "App.java", and sub-packages "src/main/java" and "src/test/java".
- Code Editor:** The "App.java" file is open, displaying Java code that creates an Employee object and saves it to a database using Hibernate.
- Console Output:** The Console tab shows the execution results:
 - Hibernate: alter table IDCard add constraint UK_1nf46xbsfe5h0k202sv9sk3m unique (employee_id)
 - Hibernate: alter table IDCard add constraint FKbpgvteht63x2vtntk8voqhb5 foreign key (employee_id) references Employee (id)
 - Hibernate: insert into Employee (email,name) values (?,?)
 - Hibernate: insert into IDCard (cardNumber,employee_id,issueDate) values (?,?,?)
 - Employee Created Successfully
 - Employee Details:
 - ID: 1
 - Name: John
 - Email: john@example.com
 - ID Card Details:
 - Card Number: IDC101
 - Issue Date: 2026-02-14
 - Retrieved via IDCard:
 - Employee Name: John
- Bottom Status Bar:** Shows "Writable", "Smart Insert", and the current time "37:1:901".

Database Screenshot

The screenshot shows the MySQL Workbench interface with the following details:

- Schemas:** The "employee_db" schema is selected in the Navigator pane, showing tables like "employee", "idcard", and "view".
- Query Editor:** A query is run in the "Query 1" tab:

```
1 • CREATE DATABASE employee_db;
2 • Select * from employee;
```
- Result Grid:** The "Result Grid" pane displays the results of the SELECT query:

id	email	name
1	john@example.com	John
- Output:** The "Output" pane shows the log of actions taken:

Action	Time	Message	Duration / Fetch
CREATE DATABASE employee_db	14:50:11	1 row(s) affected	0.046 sec
Select * from employee LIMIT 0, 1000	14:50:11	1 row(s) returned	0.000 sec / 0.000 sec
- Bottom Status Bar:** Shows "Query Completed".

MySQL Workbench

Local instance MySQL80 ×

File Edit View Query Database Server Tools Scripting Help

Navigator: Query 1 ×

SCHEMAS

employee_db

Tables

Views

Stored Procedures

Functions

employeeedb

employeeestdb

hibernatedb

library_db

onemanydb

onetomanydb

orderdb

passordb

sakila

studentdb

sys

testdb

world

Query 1

```
1 • CREATE DATABASE employee_db;
2 • Select * from employees;
3 • Select * from idcard;
4
5
6
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: |

id	cardNumber	issueDate	employee_id
1	IDC101	2026-02-14	1
•	NULL	NULL	NULL

Administration Schemas

Information

Schema: employee_db

Object Info Session

Query Completed

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	14:12:58	CREATE DATABASE employee_db	1 row(s) affected	0.046 sec
2	14:50:11	Select * from employee LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
3	14:50:36	Select * from idcard LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec