

Database DB2

DATE	14 NOVEMBER 2022
Team ID	PNT2022TMID08534
Project name	Customer care registry

SQL Query to create table:

– complaint Table

```
CREATE TABLE complaints(  
  id INT NOT NULL AUTO_INCREMENT,  
  username TEXT NOT NULL, email TEXT NOT NULL,  
  against_person TEXT NOT NULL,  
  des TEXT NOT NULL, date TEXT NOT NULL,  
  solved TEXT NOT NULL,  
  PRIMARY KEY (complaint_id)  
);
```

– customer details Table

```
CREATE TABLE customerdeatils (  
  id INT NOT NULL AUTO_INCREMENT,  
  name TEXT NOT NULL,  
  email TEXT NOT NULL,  
  passwrđ TEXT NOT NULL,  
  PRIMARY KEY (id)  
);
```

-- Insert data into customer table

```
INSERT INTO customerdeatils VALUES (null, 'Clark', 'abc@abc.com', 'abc');  
INSERT INTO customerdeatils VALUES (null, 'Clark2', 'abc2@abc.com', 'abc');  
INSERT INTO customerdeatils VALUES (null, 'Clark3', 'abc3@abc.com', 'abc');
```

-- Insert data into customer table

```
INSERT INTO complaints VALUES ( 'Clark', 'kent' , 'abc@abc.com', 'abc', 'water', '0');  
INSERT INTO complaints VALUES ( 'Clark', 'kent' , 'abc@abc.com', 'abc', 'water', '1');
```

-- Fetch data from customer table

SELECT * FROM customerdeatils;

– Fetch data from Complaints

SELECT * FROM Complaints;

IBM cloud Db2:

IBM Db2 on Cloud

Load DataLoad HistoryTablesViewsIndexesAliasesMQTsSequencesApplication objects

Find schemas or tables

Refresh

Tables

Name

Schema

Properties

COMPLAINTS

DMT13873

...

CUSTOMERDEATILS

DMT13873

...

Total: 2, selected: 0

Table definition

COMPLAINTS

No statistics available.

Name	Data type	Nullable	Length	Scale
ID	INTEGER	N		0
USERNAME	VARCHAR	N	150	0
EMAIL	VARCHAR	N	150	0
AGAINST_PERSON	VARCHAR	N	150	0
DES	VARCHAR	N	150	0

View data

DMT13873.COMPLAINTS

Back

Export to CSV

ID	USERNAME	EMAIL	AGAINST_PERSON	DES	DATE	SOLVED
1	ranjith	ranjith.2k01@gmail.com	walter	sdsads	12/11/2022	1
3	ranjith	ranjith.2k01@gmail.com	BSNL	sadsad	13/11/2022	0
4	ranjith	ranjith.2k01@gmail.com	BSNL	sfdnfjdngn	14.11.2022	0
5	ranjith	ranjith.2k01@gmail.com	BSNL	klkljkh	14.11.2022	0

DMT13873.CUSTOMERDEATILS				Back
				<div> <div></div> <div>Export to CSV</div> <div></div> </div>
ID	USERNAME	EMAIL	PASSWRD	
1	ranjith	ranjith.2k01@gmail.com	abc	
2	summa	19i340@psgtech.ac.in	abc	19i340@psgtech.ac.in
3	ranjith	rakshan486@gmail.com	abc	
4	shankar	palaniarthy123@gmail.com	Palanivel1	

DataBase Schema

Table definition

⋮ ×

COMPLAINTS

No statistics available.

Name	Data type	Nullable	Length	Scale	
ID	INTEGER	N		0	👁
USERNAM E	VARCHAR	N	150	0	👁
EMAIL	VARCHAR	N	150	0	👁
AGAINST_ PERSON	VARCHAR	N	150	0	👁
DES	VARCHAR	N	150	0	👁

Table definition



COMPLAINTS

No statistics available.

Name	Data type	Nullable	Length	Scale	
AGAINST_PERSON	VARCHAR	N	150	0	👁
DES	VARCHAR	N	150	0	👁
DATE	VARCHAR	N	150	0	👁
SOLVED	VARCHAR	N	150	0	👁

Table definition



CUSTOMERDEATILS

No statistics available.

Name	Data type	Nullable	Length	Scale	
ID	INTEGER	N		0	👁
USERNAME	VARCHAR	N	150	0	👁
EMAIL	VARCHAR	N	150	0	👁
PASSWRD	VARCHAR	N	150	0	👁

Connection configuration resources

Host name: b0aebb68-94fa-46ec-a1fc-1c999edb6187.c3n41cmd0nqn timerk39u98g.databases.appdomain.cloud

With SSL: Yes

Port number: 31249

Database name: bludb

User ID: <user name>

Password: *****

Version: Compatible with Db2, Version 11.5.0 or later

[Download SSL Certificate](#)

Connection to Db2:

```
4 # dsn_hostname = "b0aebb68-94fa-46ec-a1fc-1c999edb6187.c3n41cmd0nqn timerk39u98g.databases.appdomain.cloud"
5 # dsn_uid = "dmt13873"
6 # dsn_pwd = "740yZ1Yq8Uj2E4qm"
7 # dsn_database = 'bludb'
8 # dsn_port = 31249
9 conn = ibm_db.connect("DATABASE=bludb;HOSTNAME=b0aebb68-94fa-46ec-a1fc-1c999edb6187.c3n41cmd0nqn timerk39u98g.databases.appdomain.cloud;PORT=31249;SE
10 print(conn)
11 print("connection successful...")
```

```
query = "SELECT * FROM customerdeatils WHERE email=? AND passwr=?"
stmt = ibm_db.prepare(conn, query) # type:ignore
ibm_db.bind_param(stmt,1,mail) # type:ignore
ibm_db.bind_param(stmt,2,password) # type:ignore
ibm_db.execute(stmt) # type:ignore
user = ibm_db.fetch_assoc(stmt) # type:ignore
print(user,password)
```