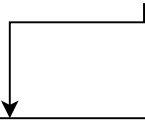


PRF



Java

Programming Language



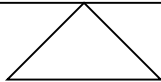
Customer

Name

Address

Contact

Button



DBM



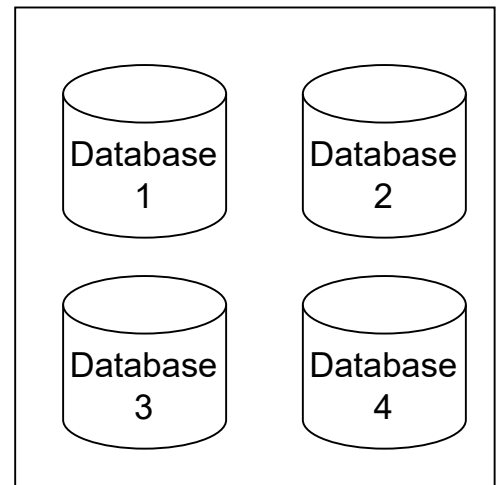
MySQL

Software

Structured Query Language

SQL

DBMS

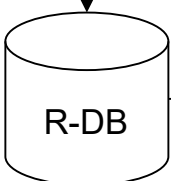


DBMS



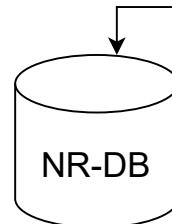
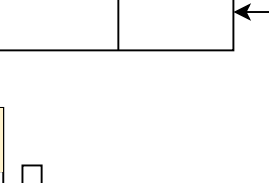
R-DBMS

NR-DBMS



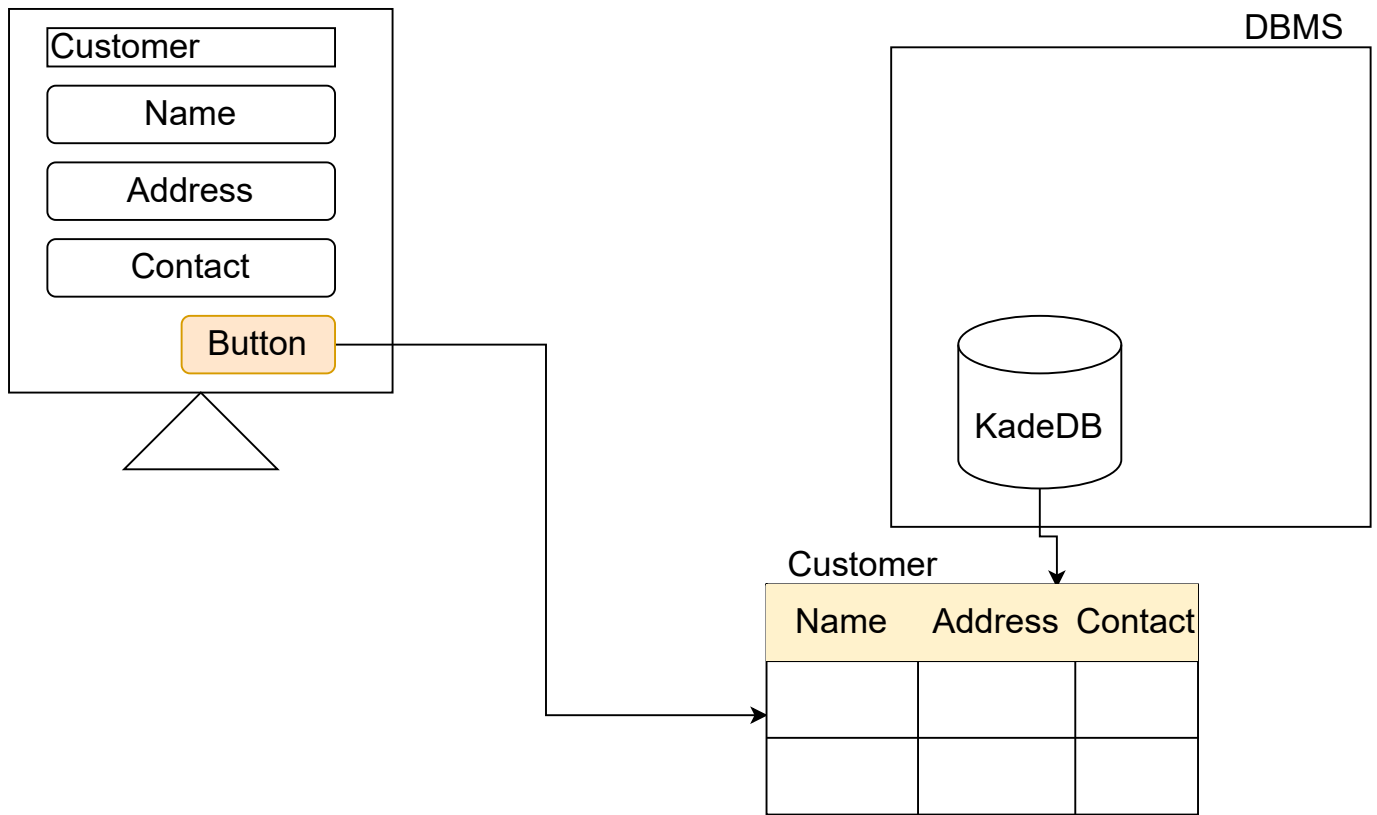
Name	Address	Contact

orderid	date	price

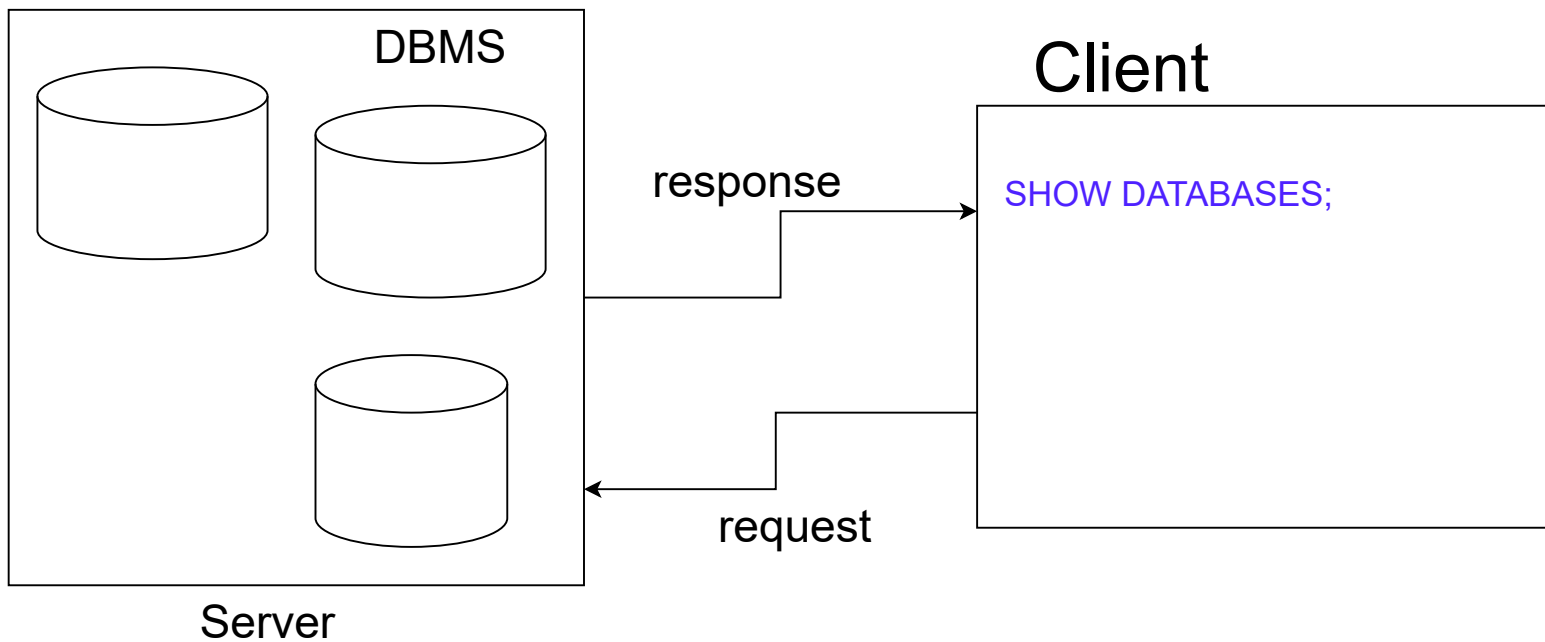


NOSQL DB

```
{
  name:"Kamal",
  Address:"Galle",
  contact:"07145265"
},
{
  name:"Nimal",
  Address:"Galle",
  contact:"07145265"
}
```



SQL Structured Query Language



1. SHOW DATABASES;

```
mysql> SHOW DATABASES;
+-----+
| Database |
+-----+
| day3      |
| day3galle |
| dwback    |
| gdse65    |
| gdse66    |
| ijse      |
| information_schema |
| manytomany |
| mtom      |
| mysql     |
| performance_schema |
| relations |
| revision63 |
| revision64 |
| sakila    |
| sys       |
| thogakade |
| world     |
+-----+
18 rows in set (0.15 sec)
```

2. CREATE DATABASE catchup;
CREATE DATABASE IF NOT EXISTS catchup;

```
mysql> CREATE DATABASE catchup;
Query OK, 1 row affected (0.04 sec)
```

```
mysql> CREATE DATABASE catchup;
ERROR 1007 (HY000): Can't create database 'catchup'; database exists
mysql> CREATE DATABASE IF NOT EXISTS catchup;
Query OK, 1 row affected, 1 warning (0.00 sec)
```

3. USE catchup;

```
mysql> USE catchup;
Database changed
mysql>
```

4. CREATE TABLE customer(
 name VARCHAR(50),
 address VARCHAR(150),
 contact VARCHAR(12)

contact VARCHAR(12),
age INT

);

```
mysql> CREATE TABLE customer(  
-> name VARCHAR(50),  
-> address VARCHAR(150),  
-> contact VARCHAR(12),  
-> age INT  
-> );  
Query OK, 0 rows affected (0.10 sec)
```

CREATE TABLE item(
code VARCHAR(10),
description VARCHAR(100),
price DECIMAL(7,2),
qty INT

);

```
mysql> CREATE TABLE item(  
-> code VARCHAR(10),  
-> description VARCHAR(100),  
-> price DECIMAL(7,2),  
-> qty INT  
-> );  
Query OK, 0 rows affected (0.04 sec)
```

5. SHOW TABLES;

```
mysql> SHOW TABLES;  
+-----+  
| Tables_in_catchup |  
+-----+  
| customer           |  
| item               |  
+-----+  
2 rows in set (0.04 sec)
```

6 . DESCRIBE customer;
DESC customer;

```
mysql> DESCRIBE customer;
```

```
mysql> DESCRIBE customer;
```

Field	Type	Null	Key	Default	Extra
name	varchar(50)	YES		NULL	
address	varchar(150)	YES		NULL	
contact	varchar(12)	YES		NULL	
age	int	YES		NULL	

```
4 rows in set (0.02 sec)

mysql> DESC customer;
```

Field	Type	Null	Key	Default	Extra
name	varchar(50)	YES		NULL	
address	varchar(150)	YES		NULL	
contact	varchar(12)	YES		NULL	
age	int	YES		NULL	

```
4 rows in set (0.00 sec)
```

7 . INSERT INTO customer VALUES
('KAMAL','GALLE','+9471425895',42);

```
mysql> INSERT INTO customer VALUES
-> ('KAMAL','GALLE','+9471425895',42);
Query OK, 1 row affected (0.03 sec)
```

INSERT INTO customer VALUES
('NIMAL','panadura','+9471425895',42),
('SAMAN','GALLE','+9478425895',24),
('SUNIL','MATATA','+9472425895',48),
('SUPUN','GALLE','+9474425895',30);

```
mysql> INSERT INTO customer VALUES
-> ('NIMAL','GALLE','+9471425895',42),
-> ('SAMAN','GALLE','+9478425895',24),
-> ('SUNIL','MATATA','+9472425895',48),
-> ('SUPUN','GALLE','+9474425895',30);
Query OK, 4 rows affected (0.01 sec)
Records: 4 Duplicates: 0 Warnings: 0
```

8. SELECT * FROM customer;

```
mysql> SELECT * FROM customer;
+-----+-----+-----+-----+
| name | address | contact | age |
+-----+-----+-----+-----+
| KAMAL | GALLE | +9471425895 | 42 |
| NIMAL | GALLE | +9471425895 | 42 |
| SAMAN | GALLE | +9478425895 | 24 |
| SUNIL | MATATA | +9472425895 | 48 |
| SUPUN | GALLE | +9474425895 | 30 |
+-----+-----+-----+-----+
5 rows in set (0.01 sec)
```

9. DROP TABLE item;

```
mysql> SHOW TABLES;
+-----+
| Tables_in_catchup |
+-----+
| customer |
| item |
+-----+
2 rows in set (0.00 sec)

mysql> DROP TABLE item;
Query OK, 0 rows affected (0.05 sec)

mysql> SHOW TABLES;
+-----+
| Tables_in_catchup |
+-----+
| customer |
+-----+
1 row in set (0.00 sec)
```

10. DROP DATABASE catchup;

```
mysql> DROP DATABASE catchup;
Query OK, 1 row affected (0.06 sec)
```

```
+-----+-----+-----+-----+
| nic | name | address | contact |
+-----+-----+-----+-----+
| 95454565V | nimal | matara | 07812377888 |
| 99454565V | kamal | galle | 07712388888 |
+-----+-----+-----+-----+
```

orderId	orderDate	nic
1	2022-09-05	95454565V
2	2022-09-10	99454565V

2 rows in set (0.00 sec)