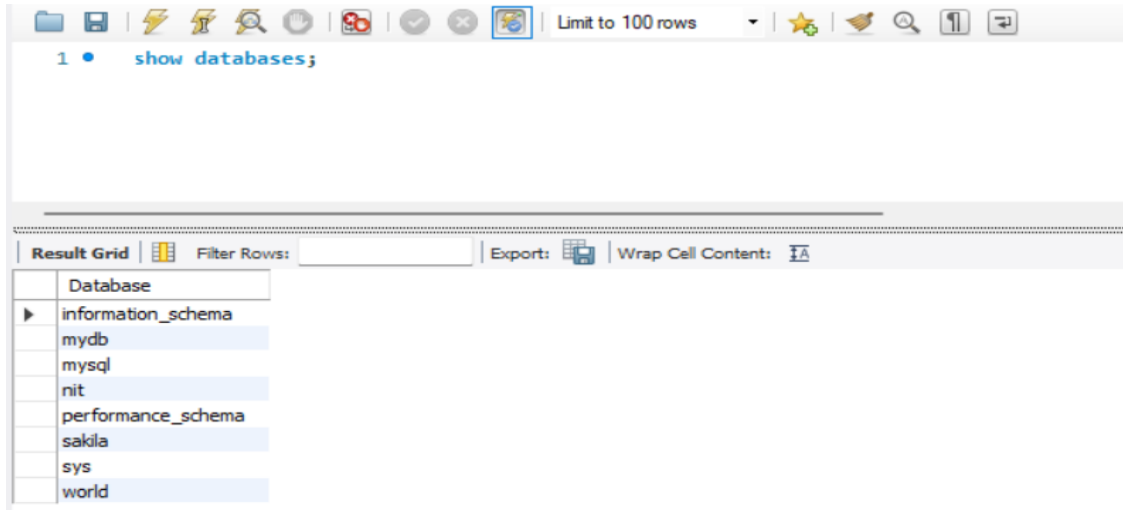


MYSQL QUERIES (By Sunitha Mekala)

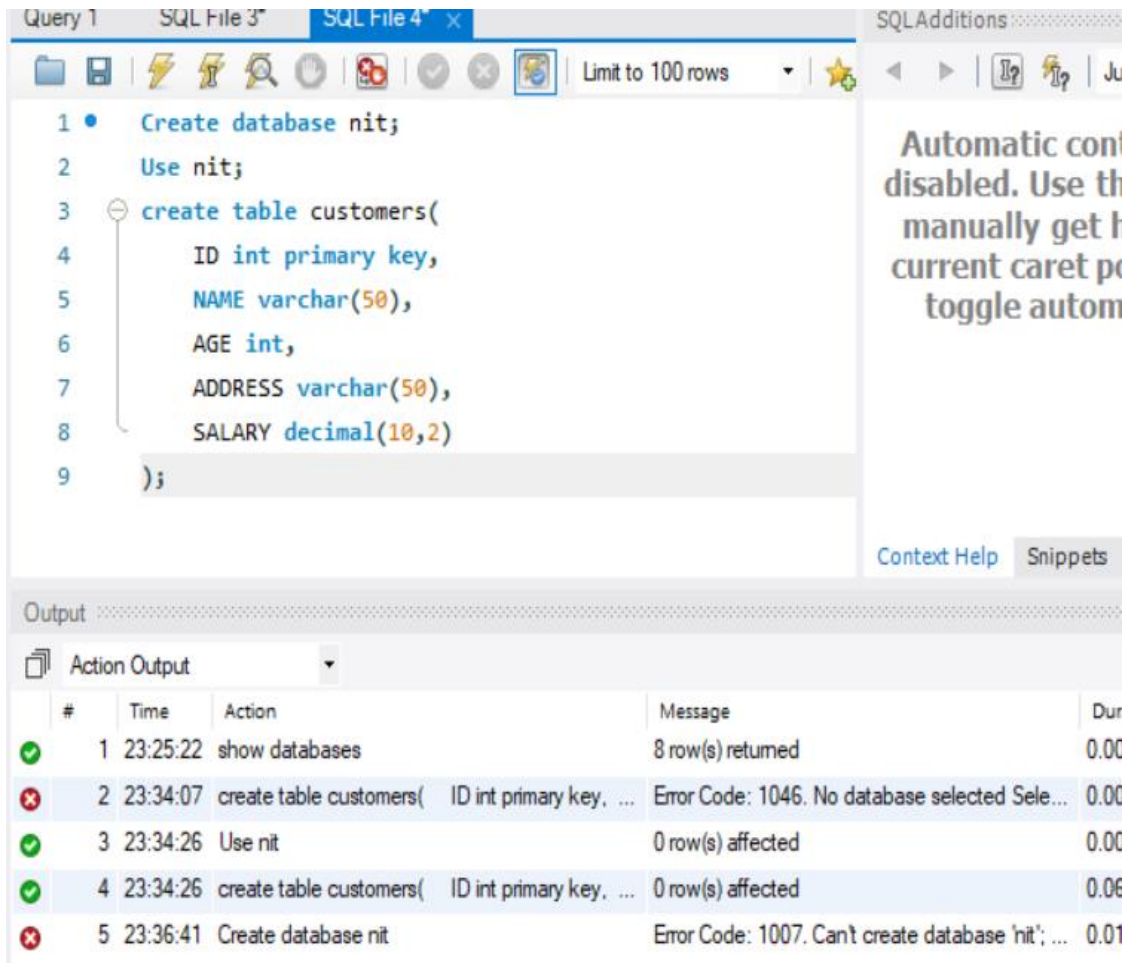
1) Shows the databases:



2) -Create Database- using `create database databasename;`

-Use Database - here our database is nit.

-And create table customers here:



3) Describes about the table.

The screenshot shows a SQL IDE interface with a query editor and a result grid. The query editor contains the command `desc customers;`. The result grid displays the table structure for 'customers'.

Field	Type	Null	Key	Default	Extra
ID	int	NO	PRI	NULL	
NAME	varchar(50)	YES		NULL	
AGE	int	YES		NULL	
ADDRESS	varchar(50)	YES		NULL	
SALARY	decimal(10,2)	YES		NULL	

4) Insert records into the customer table and

By using the select query we can retrieve the records present in the table.

The screenshot shows a SQL IDE interface with a query editor and a result grid. The query editor contains an insert query followed by a select query. The result grid displays the data inserted into the 'customers' table.

```
1 insert into customers
2 values (1,"Alex",25,"Hyd",10000),
3         (2,"Bob",35,"Chennai",20000),
4         (3,"Mark",40,"Banglore",15000),
5         (4,"Helen",27,"Hyd",28000),
6         (5,"Stella",50,"Chandigarh",43000),
7         (6,"Maria",38,"Delhi",49000),
8         (7,"Martin",48,"Banglore",20000);
9 select * from customers;
```

ID	NAME	AGE	ADDRESS	SALARY
1	Alex	25	Hyd	10000.00
2	Bob	35	Chennai	20000.00
3	Mark	40	Banglore	15000.00
4	Helen	27	Hyd	28000.00
5	Stella	50	Chandigarh	43000.00
6	Maria	38	Delhi	49000.00
7	Martin	48	Banglore	20000.00
*	NULL	NULL	NULL	NULL

5) Selecting the customers whose salary is > 20000.

Query 1 SQL File 3* SQL File 4* x

Limit to 100 rows

```
1 • select * from customers where salary > 20000;
```

Result Grid Filter Rows: Edit: Export/Import

	ID	NAME	AGE	ADDRESS	SALARY
▶	4	Helen	27	Hyd	28000.00
	5	Stella	50	Chandigarh	43000.00
	6	Maria	38	Delhi	49000.00
*	NULL	NULL	NULL	NULL	NULL

6) Selecting the customers whose salary is = 20000.

Query 1 SQL File 3* SQL File 4* x

Limit to 100 rows

```
1 • select * from customers where salary = 20000;
2
```

Result Grid Filter Rows: Edit: Export/Import

	ID	NAME	AGE	ADDRESS	SALARY
▶	2	Bob	35	Chennai	20000.00
	7	Martin	48	Banglore	20000.00
*	NULL	NULL	NULL	NULL	NULL

Result Grid

7) Selecting the customers whose salary != 20000

Query 1 SQL File 3* SQL File 4* x

Limit to 100 rows

```
1 • select * from customers where salary != 20000;
2
```

Result Grid Filter Rows: Edit: Export/Import

	ID	NAME	AGE	ADDRESS	SALARY
▶	1	Alex	25	Hyd	10000.00
	3	Mark	40	Banglore	15000.00
	4	Helen	27	Hyd	28000.00
	5	Stella	50	Chandigarh	43000.00
	6	Maria	38	Delhi	49000.00
*	NULL	NULL	NULL	NULL	NULL

8) Selecting the customer age ≥ 35 and salary ≥ 20000

Query 1 SQL File 3* SQL File 4* x

Limit to 100 rows

```
1
2 • select * from customers where age >= 35 and salary >= 20000;
```

Result Grid

	ID	NAME	AGE	ADDRESS	SALARY
▶	2	Bob	35	Chennai	20000.00
	5	Stella	50	Chandigarh	43000.00
	6	Maria	38	Delhi	49000.00
	7	Martin	48	Banglore	20000.00
*	NULL	NULL	NULL	NULL	NULL

9) Selecting the customer age ≥ 50 and salary ≥ 40000

Query 1 SQL File 3* SQL File 4* x

Limit to 100 rows

```
1
2 • select * from customers where age >= 50 or salary >= 40000;
```

Result Grid

	ID	NAME	AGE	ADDRESS	SALARY
▶	5	Stella	50	Chandigarh	43000.00
	6	Maria	38	Delhi	49000.00
*	NULL	NULL	NULL	NULL	NULL

10) Selecting the customers where age is not null.

Query 1 SQL File 3* SQL File 4* x

Limit to 100 rows

```
1
2 • select * from customers where age is not null;
```

Result Grid

	ID	NAME	AGE	ADDRESS	SALARY
	1	Alex	25	Hyd	10000.00
	2	Bob	35	Chennai	20000.00
	3	Mark	40	Banglore	15000.00
	4	Helen	27	Hyd	28000.00
	5	Stella	50	Chandigarh	43000.00
▶	6	Maria	38	Delhi	49000.00
	7	Martin	48	Banglore	20000.00
*	NULL	NULL	NULL	NULL	NULL

11) Selecting the customers whose name starts with 'Ma'

Query 1 SQL File 3* SQL File 4* x

Limit to 100 rows

```
1
2 • select * from customers where NAME like 'Ma%';
```

Result Grid Filter Rows: Edit: Export/Im

	ID	NAME	AGE	ADDRESS	SALARY
▶	3	Mark	40	Banglore	15000.00
	6	Maria	38	Delhi	49000.00
	7	Martin	48	Banglore	20000.00
*	NULL	NULL	NULL	NULL	NULL

12) Selecting customers where age in (38,48)

Query 1 SQL File 3* SQL File 4* x

Limit to 100 rows

```
1
2 • select * from customers where AGE in (38,48);
```

Result Grid Filter Rows: Edit: Export/Im

	ID	NAME	AGE	ADDRESS	SALARY
▶	6	Maria	38	Delhi	49000.00
	7	Martin	48	Banglore	20000.00
*	NULL	NULL	NULL	NULL	NULL

13) Selecting customers with age between 24 and 36.

Query 1 SQL File 3* SQL File 4* x

Limit to 100 rows

```
1 • select * from customers;
2 • select * from customers where AGE between 24 and 36;
```

Result Grid Filter Rows: Edit: Export/Im

	ID	NAME	AGE	ADDRESS	SALARY
▶	1	Alex	25	Hyd	10000.00
	2	Bob	35	Chennai	20000.00
	4	Helen	27	Hyd	28000.00
*	NULL	NULL	NULL	NULL	NULL