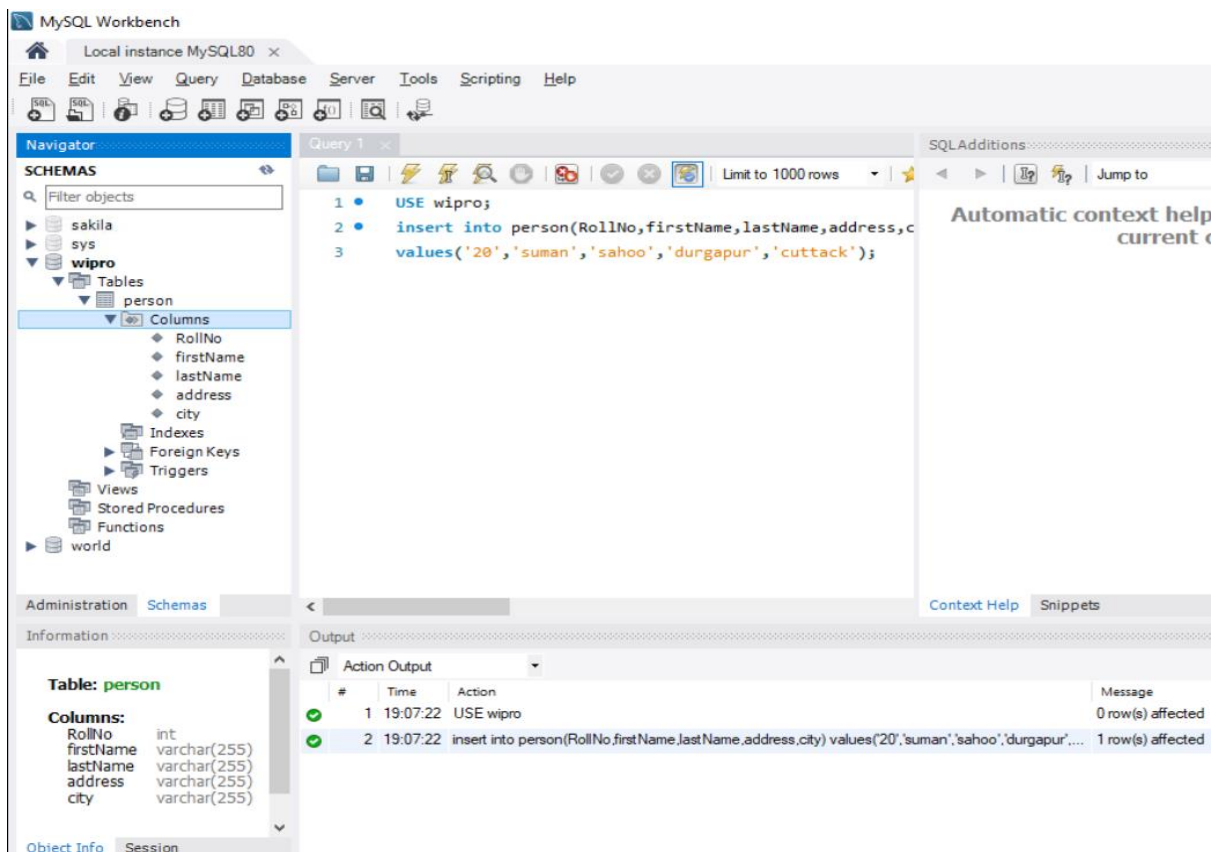


SQL INSERT DATA TO TABLE AND JOIN COMMAND:-



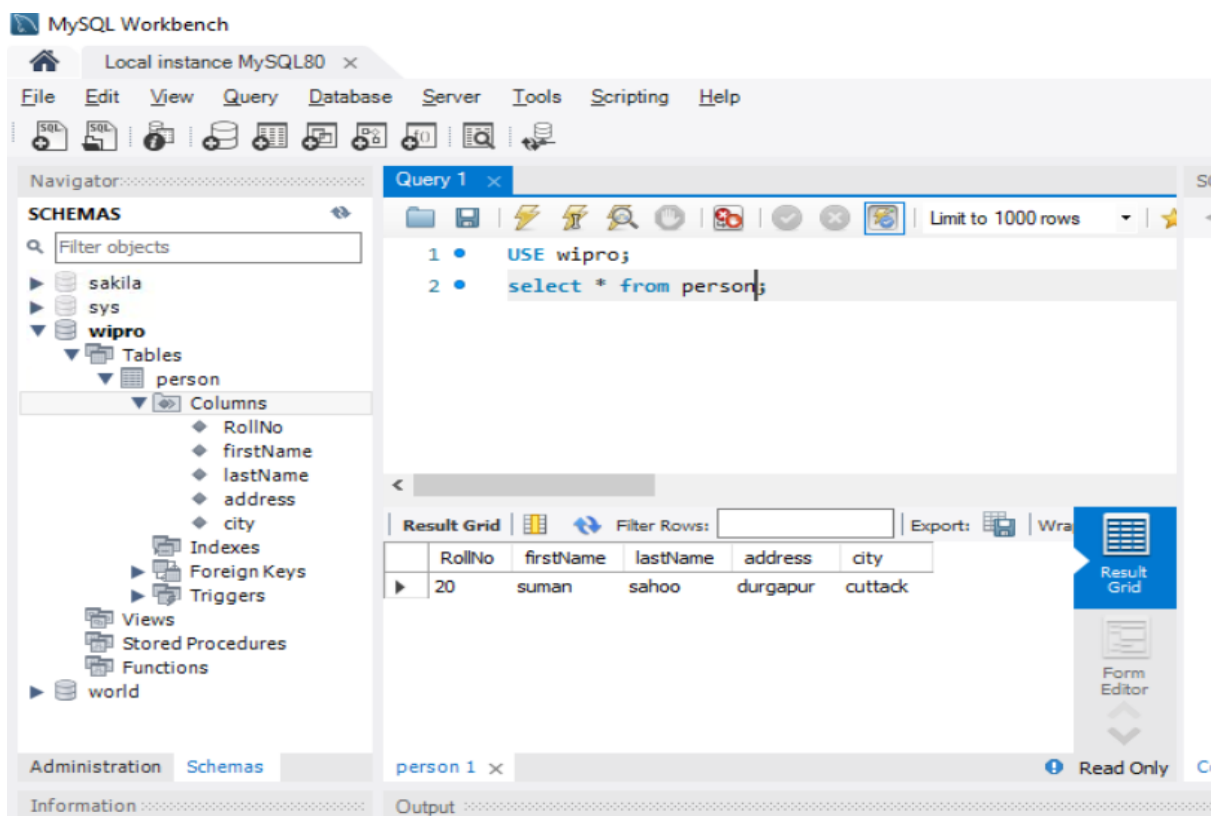
MySQL Workbench interface showing the execution of an SQL query. The query is as follows:

```
1 • USE wipro;
2 • insert into person(RollNo,firstName,lastName,address,c
3 • values('20','suman','sahoo','durgapur','cuttack');
```

The output shows the execution results:

#	Time	Action	Message
1	19:07:22	USE wipro	0 row(s) affected
2	19:07:22	insert into person(RollNo,firstName,lastName,address,city) values('20','suman','sahoo','durgapur',...	1 row(s) affected

The left sidebar shows the database structure, including the 'person' table with columns: RollNo, firstName, lastName, address, and city.



MySQL Workbench interface showing the execution of the same SQL query. The query is as follows:

```
1 • USE wipro;
2 • select * from person;
```

The output shows the result grid:

RollNo	firstName	lastName	address	city
20	suman	sahoo	durgapur	cuttack

The left sidebar shows the database structure, including the 'person' table with columns: RollNo, firstName, lastName, address, and city.

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- sakila
- sys
- wipro
 - Tables
 - person
 - Columns
 - RollNo
 - firstName
 - lastName
 - address
 - city
 - Indexes
 - Foreign Keys
 - Triggers
 - Views
 - Stored Procedures
 - Functions
 - world

Table: person

Columns:

Column	Type
RollNo	int
firstName	varchar(255)
lastName	varchar(255)
address	varchar(255)
city	varchar(255)

Object Info Session

Query 1

```

1 • USE wipro;
2 • select address,city
3 • from person
4 • where Address is null;

```

Result Grid

address	city
---------	------

Output

Action Output

#	Time	Action
3	19:13:06	USE wipro
4	19:13:06	select * from wipro LIMIT 0, 1000
5	19:13:18	USE wipro
6	19:13:18	select * from person LIMIT 0, 1000
7	19:17:31	USE wipro
8	19:17:31	select address,city from person where Address is null LIMIT 0, 1000

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- customer
 - Columns
 - rollno
 - firstname
 - lastname
 - cityname
 - Indexes
 - Foreign Keys
 - Triggers
- person
 - Columns
 - RollNo
 - firstName
 - lastName
 - address
 - city
 - Indexes
 - Foreign Keys
 - Triggers

Table: person

Columns:

Column	Type
RollNo	int
firstName	varchar(255)
lastName	varchar(255)
address	varchar(255)
city	varchar(255)

Object Info Session

Query 1

```

1 • USE wipro;
2 • create table customer(
3 • rollno int,
4 • firstname varchar(255),
5 • lastname varchar(255),
6 • cityname varchar(255));

```

Output

Action Output

#	Time	Action	Mes
89	19:33:48	USE wipro	0 row
90	19:33:48	delete from person where firstName ='suman'	Error
91	19:35:26	USE wipro	0 row
92	19:35:26	delete from person where firstName ='suman' row_id= 1	Error
93	19:41:31	USE wipro	0 row
94	19:41:31	create table customer(rollno int, firstname varchar(255), lastname varchar(255), cityname var...	0 row

Navigator: SCHEMAS

Filter objects

- Tables
 - customer
 - Columns
 - rollno
 - firstname
 - lastname
 - cityname
 - Indexes
 - Foreign Keys
 - Triggers
 - person
 - Columns
 - RollNo
 - firstName
 - lastName
 - address
 - city
 - Indexes
 - Foreign Keys
 - Triggers

Administration Schemas

Information: Table: **person**

Columns:

Column	Type
RollNo	int
firstName	varchar(255)
lastName	varchar(255)
address	varchar(255)
city	varchar(255)

Object Info Session

Query 1

```

1 • USE wipro;
2 • select * from person
3 • join customer on person.RollNo = customer.rollno;
  
```

Limit to 1000 rows

Result Grid

RollNo	firstName	lastName	address	city	rollno	firstname
--------	-----------	----------	---------	------	--------	-----------

Result Grid

Form Editor

Result 6

Read Only

Output

Action Output

#	Time	Action
91	19:35:26	USE wipro
92	19:35:26	delete from person where firstName = 'suman' row_id= 1
93	19:41:31	USE wipro
94	19:41:31	create table customer(rollno int, firstname varchar(255), lastname varchar(255), c
95	19:51:07	USE wipro
96	19:51:07	select * from person join customer on person.RollNo = customer.rollno LIMIT 0, 11

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator: SCHEMAS

Filter objects

- Tables
 - customer
 - Columns
 - rollno
 - firstname
 - lastname
 - cityname
 - Indexes
 - Foreign Keys
 - Triggers
 - person
 - Columns
 - RollNo
 - firstName
 - lastName
 - address
 - city
 - Indexes
 - Foreign Keys
 - Triggers

Administration Schemas

Query 1

```

1 • USE wipro;
2 • select * from person
3 • inner join customer on person.RollNo = customer.rollno
  
```

Limit to 1000 rows

Result Grid

RollNo	firstName	lastName	address	city	rollno	firstname
--------	-----------	----------	---------	------	--------	-----------

Result Grid

Form Editor

Result 7

Read Only

Output

File Edit View Query Database Server Tools Scripting Help

Navigator: SCHEMAS

Filter objects

- sakila
- sys
- wipro
 - Tables
 - customer
 - customer1
 - Columns
 - customerID
 - first_name
 - last_name
 - adress_id
 - Indexes
 - Foreign Keys
 - Triggers
 - customer2
 - Columns
 - customerID
 - amount
 - payment_mo

Administration Schemas

Query 1

Limit to 1000 rows

```
1 • USE wipro;
2 • insert into customer1 (customerID, first_name, last_name,
3   values ('1', 'kishor', 'sahoo', '5'),
4   ('2', 'suman', 'prusty', '6'),
5   ('3', 'anush', 'kumar', '7'));
```

Navigator: SCHEMAS

Filter objects

- sakila
- sys
- wipro
 - Tables
 - customer
 - customer1
 - Columns
 - customerID
 - first_name
 - last_name
 - adress_id
 - Indexes
 - Foreign Keys
 - Triggers
 - customer2
 - Columns
 - customerID
 - amount
 - payment_mo

Administration Schemas

Query 1

Limit to 1000 rows

```
1 • USE wipro;
2 • select * from customer1;
```

Result Grid

	customerID	first_name	last_name	adress_id
▶	1	kishor	sahoo	5
	2	suman	prusty	6
	3	anush	kumar	7

customer1 1 x Read Only

Output

Navigator: SCHEMAS

Filter objects

- sakila
- sys
- wipro
 - Tables
 - customer
 - customer1
 - Columns
 - customerID
 - first_name
 - last_name
 - adress_id
 - Indexes
 - Foreign Keys
 - Triggers
 - customer2
 - Columns
 - customerID
 - amount
 - payment_mo

Query 1

```
1 • USE wipro;
2 • select * from customer2;
```

Result Grid

	customerID	amount	payment_mode	payment_date
▶	1	60	cash	2020
	1	60	cash	2020
	2	70	credit_card	2021
	3	80	debit_card	2023

Administration Schemas

customer2 2 x

Read Only

Navigator: SCHEMAS

Filter objects

- sakila
- sys
- wipro
 - Tables
 - customer
 - customer1
 - Columns
 - customerID
 - first_name
 - last_name
 - adress_id
 - Indexes
 - Foreign Keys
 - Triggers
 - customer2
 - person
 - Views
 - Stored Procedures
 - Functions
 - world

Query 1

```
1 • USE wipro;
2 • insert into customer1 (customerID, first_name, last_name, adress_id)
3 values ('4', 'rajesh', 'sahoo', '8'),
4 ('5', 'manash', 'prusty', '9');
5
```

Information: No object selected

Output: Action Output

#	Time	Action
✓ 1	08:46:53	USE wipro
✓ 2	08:46:53	insert into customer1 (customerID, first_name, last_name, adress_id) values ('4', 'rajesh', 'sahoo', '8'), ('5', 'manash', 'prusty', '9');

Navigator: SCHEMAS

Filter objects

- sakila
- sys
- wipro
 - Tables
 - customer
 - customer1
 - Columns
 - customerID
 - first_name
 - last_name
 - adress_id
 - Indexes
 - Foreign Keys
 - Triggers
 - customer2
 - person
 - Views
 - Stored Procedures
 - Functions
- world

Administration Schemas

Information: No object selected

Object Info Session

Query 1

```

1 • USE wipro;
2 • select * from customer1;
3

```

Limit to 1000 rows

Result Grid

	customerID	first_name	last_name	adress_id
▶	1	kishor	sahoo	5
	2	suman	prusty	6
	3	anush	kumar	7
	4	rajesh	sahoo	8
	5	manash	prusty	9

customer1 1

Read Only Context

Output

Action Output

#	Time	Action
✓ 1	08:46:53	USE wipro
✓ 2	08:46:53	insert into customer1 (customerID, first_name, last_name, adress_id) values ('4', 'r
✓ 3	08:47:25	USE wipro
✓ 4	08:47:25	select * from customer1 LIMIT 0, 1000

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator: SCHEMAS

Filter objects

- sakila
- sys
- wipro
 - Tables
 - customer
 - customer1
 - Columns
 - customerID
 - first_name
 - last_name
 - adress_id
 - Indexes
 - Foreign Keys
 - Triggers
 - customer2
 - Columns
 - customerID
 - amount
 - payment_mo

Administration Schemas

Query 1

```

1 • USE wipro;
2 • select *
3 • from customer1 as c
4 • inner join customer2 as p
5 • on c.customerID = p.customerID;

```

Limit to 1000 rows

Result Grid

	customerID	first_name	last_name	adress_id	customerID	am
▶	1	kishor	sahoo	5	1	60
	1	kishor	sahoo	5	1	60
	2	suman	prusty	6	2	70
	3	anush	kumar	7	3	80

Result 3

Read Only

Navigator

SCHEMAS

Filter objects

- sakila
- sys
- wipro
 - Tables
 - customer
 - customer1
 - Columns
 - customerID
 - first_name
 - last_name
 - adress_id
 - Indexes
 - Foreign Keys
 - Triggers
 - customer2
 - Columns
 - customerID
 - amount
 - payment_mo

Query 1

```

1 • USE wipro;
2 • select *
3   from customer1 as c
4  left join customer2 as p
5    on c.customerID = p.customerID;

```

Result Grid

	customerID	first_name	last_name	adress_id	customerID	am
▶	1	kishor	sahoo	5	1	60
	1	kishor	sahoo	5	1	60
	2	suman	prusty	6	2	70
	3	anush	kumar	7	3	80
	4	rajesh	sahoo	8	NULL	NULL
	5	manash	prusty	9	NULL	NULL

Administration Schemas

Information

Output

Read Only

Navigator

SCHEMAS

Filter objects

- sakila
- sys
- wipro
 - Tables
 - customer
 - customer1
 - Columns
 - customerID
 - first_name
 - last_name
 - adress_id
 - Indexes
 - Foreign Keys
 - Triggers
 - customer2
 - Columns
 - customerID
 - amount
 - payment_mo

Query 1

```

1 • USE wipro;
2 • select *
3   from customer1 as c
4  right join customer2 as p
5    on p.customerID = c.customerID;

```

Result Grid

	customerID	first_name	last_name	adress_id	customerID	am
▶	1	kishor	sahoo	5	1	60
	1	kishor	sahoo	5	1	60
	2	suman	prusty	6	2	70
	3	anush	kumar	7	3	80

Administration Schemas

Information

Output

Read Only