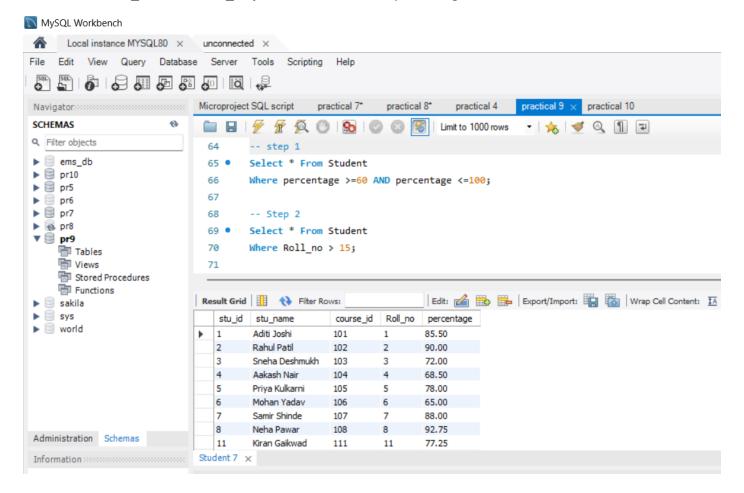# DBMS PRACTICAL NO.: 09

Name: yash ajay magar

Experiment No 09*: Implement Relational operators to apply various conditions in query.*

EXERCISE:

Consider the following schema Student (stu_name, course_id, Roll_no, percentage)

> Write queries for the following:

1. Select stu_name, course_id, from Student WHERE percentage is >=60 and <=100;
2. Select details of students whose Roll numbers are above 15;
3. Select stu_id, Roll_no from Student WHERE course_id! =121;

➢ Select stu_name, course_id, from Student WHERE percentage is >=60 and <=100;

➢ *Select details of students whose Roll numbers are above 15;*

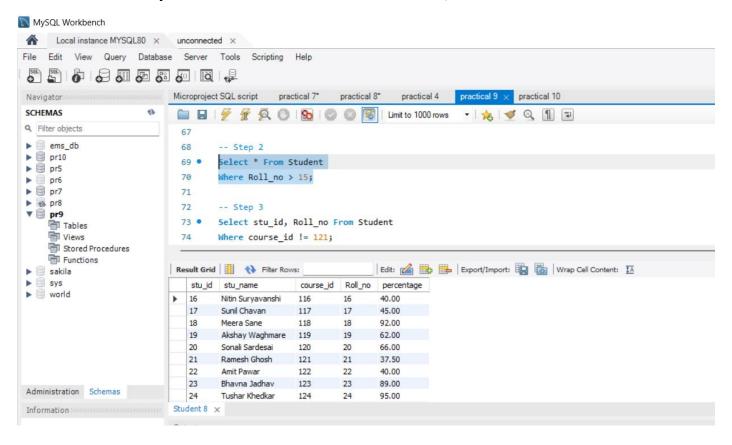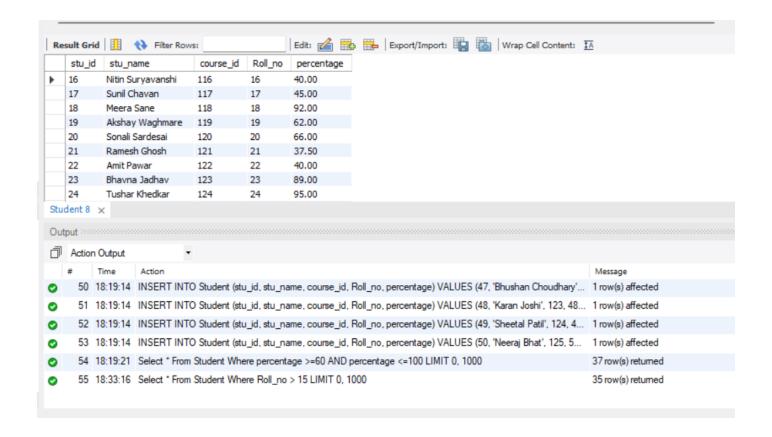|	stu_id	stu_name	course_id	Roll_no	percentage
▶	16	Nitin Suryavanshi	116	16	40.00
	17	Sunil Chavan	117	17	45.00
	18	Meera Sane	118	18	92.00
	19	Akshay Waghmare	119	19	62.00
	20	Sonali Sardesai	120	20	66.00
	21	Ramesh Ghosh	121	21	37.50
	22	Amit Pawar	122	22	40.00
	23	Bhavna Jadhav	123	23	89.00
	24	Tushar Khedkar	124	24	95.00

Student 8 ×

Output

Action Output

#	Time	Action	Message
✓	50 18:19:14	INSERT INTO Student (stu_id, stu_name, course_id, Roll_no, percentage) VALUES (47, 'Bhushan Choudhary'...	1 row(s) affected
✓	51 18:19:14	INSERT INTO Student (stu_id, stu_name, course_id, Roll_no, percentage) VALUES (48, 'Karan Joshi', 123, 48...	1 row(s) affected
✓	52 18:19:14	INSERT INTO Student (stu_id, stu_name, course_id, Roll_no, percentage) VALUES (49, 'Sheetal Patil', 124, 4...	1 row(s) affected
✓	53 18:19:14	INSERT INTO Student (stu_id, stu_name, course_id, Roll_no, percentage) VALUES (50, 'Neeraj Bhat', 125, 5...	1 row(s) affected
✓	54 18:19:21	Select * From Student Where percentage >=60 AND percentage <=100 LIMIT 0, 1000	37 row(s) returned
✓	55 18:33:16	Select * From Student Where Roll_no > 15 LIMIT 0, 1000	35 row(s) returned

➤ *Select stu_id, Roll_no from Student WHERE course_id! =121;*

MySQL Workbench

⌂ Local instance MYSQL80 ×   unconnected ×

File Edit View Query Database Server Tools Scripting Help

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SCHEMAS

Q Filter objects

▶ ems_db
▶ pr10
▶ pr5
▶ pr6
▶ pr7
▶ pr8
▼ pr9
   Tables
   Views
   Stored Procedures
   Functions
▶ sakila
▶ sys
▶ world

```
69 •   Select * From Student
70     Where Roll_no > 15;
71
72     -- Step 3
73 •   Select stu_id, Roll_no From Student
74     Where course_id != 121;
75
76
```

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

	stu_id	Roll_no
▶	1	1
	2	2
	3	3
	4	4
	5	5
	6	6
	7	7
	8	8
	9	9

Student 9 ×

Administration Schemas

Information

Output

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

stu_id	Roll_no
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9

Student 9 ×

Output

Action Output

#	Time	Action	Message
51	18:19:14	INSERT INTO Student (stu_id, stu_name, course_id, Roll_no, percentage) VALUES (48, 'Karan Joshi', 123, 48...	1 row(s) affected
52	18:19:14	INSERT INTO Student (stu_id, stu_name, course_id, Roll_no, percentage) VALUES (49, 'Sheetal Patil', 124, 4...	1 row(s) affected
53	18:19:14	INSERT INTO Student (stu_id, stu_name, course_id, Roll_no, percentage) VALUES (50, 'Neeraj Bhat', 125, 5...	1 row(s) affected
54	18:19:21	Select * From Student Where percentage >=60 AND percentage <=100 LIMIT 0, 1000	37 row(s) returned
55	18:33:16	Select * From Student Where Roll_no > 15 LIMIT 0, 1000	35 row(s) returned
56	18:34:05	Select stu_id, Roll_no From Student Where course_id != 121 LIMIT 0, 1000	48 row(s) returned