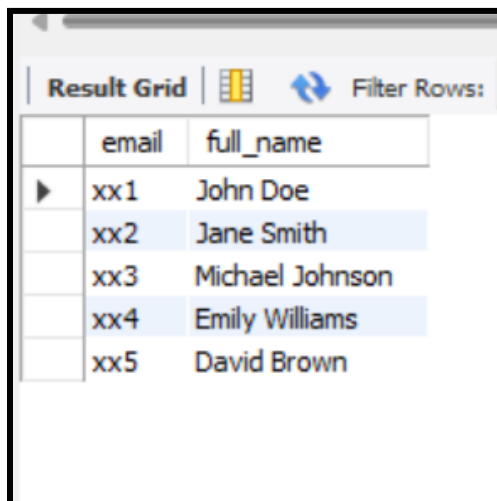# DBMS Lab Assignment 02

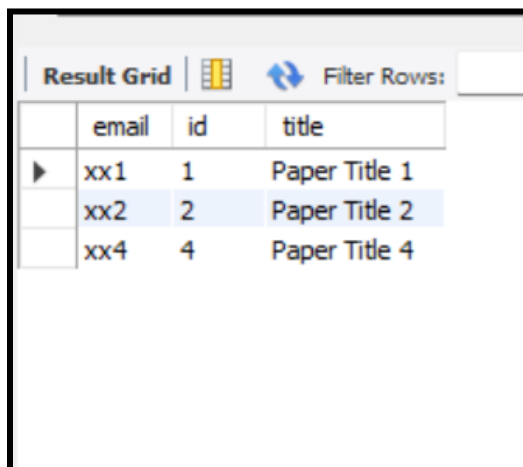Shashank Shekhar Asthana (B21CS093)

Displayed below are screenshots of all the queries that have been asked to retrieve data by creating different tables and relationships using the MySQL server .

Query 1:- Retrieve the distinct and complete names and emails of the authors who have submitted at least one paper for review.
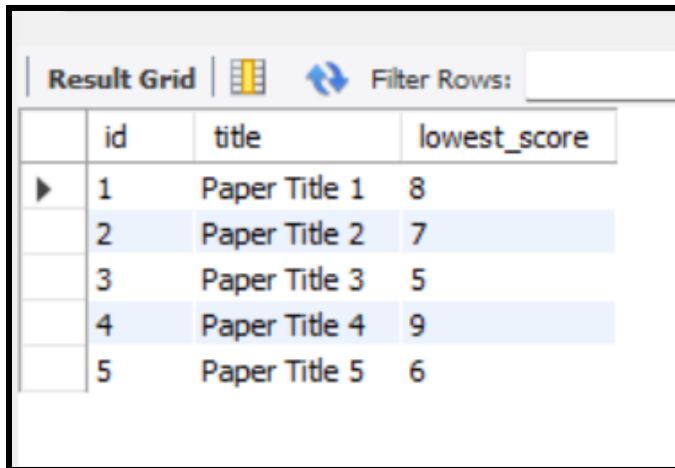
email	full_name
xx1	John Doe
xx2	Jane Smith
xx3	Michael Johnson
xx4	Emily Williams
xx5	David Brown

Query 2:- Retrieve the email, id, title of the paper submitted by the author that has an average score of 7 or more on its review.

email	id	title
xx1	1	Paper Title 1
xx2	2	Paper Title 2
xx4	4	Paper Title 4
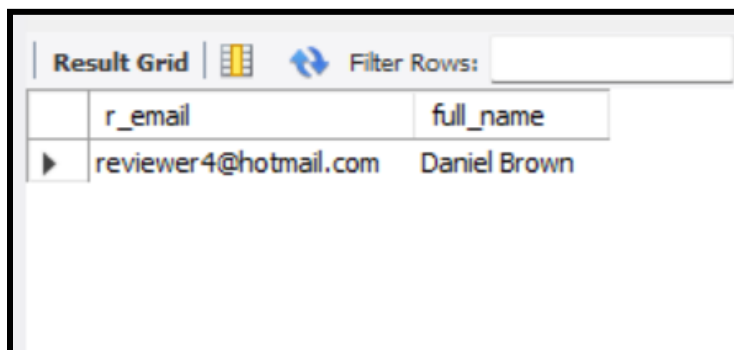
Query 3:- Retrieve the paper id, title, and score, which is the lowest in the review process received.

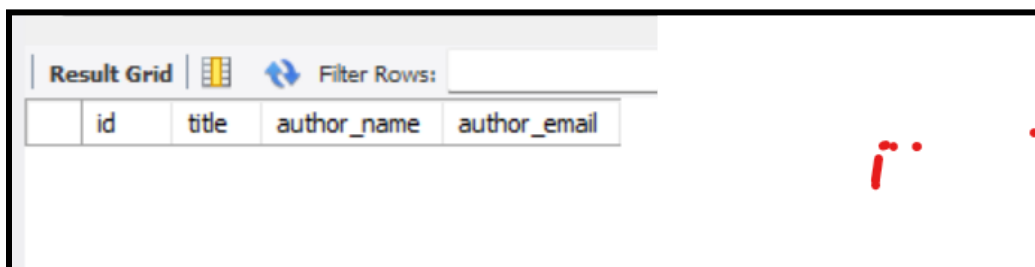|	id	title	lowest_score
▶	1	Paper Title 1	8
	2	Paper Title 2	7
	3	Paper Title 3	5
	4	Paper Title 4	9
	5	Paper Title 5	6

Result Grid — Filter Rows:

Query 4:- Retrieve distinct emails and names of reviewers who are interested, typically in the topic "security."

Result Grid — Filter Rows:

	r_email	full_name
▶	reviewer4@hotmail.com	Daniel Brown

Query 5:- Retrieve the paper id and title of papers along with the author's name and email such that the author is also a reviewer.
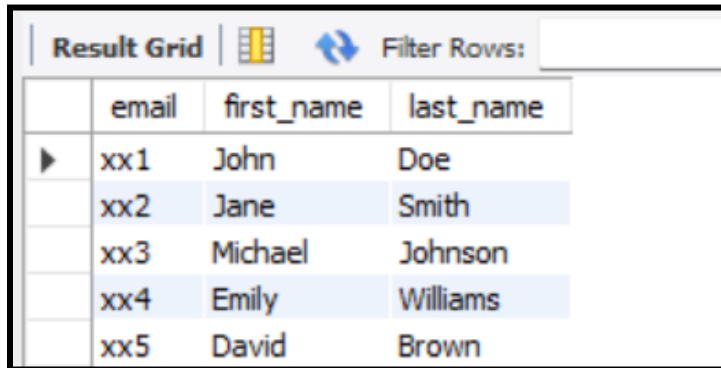
Result Grid — Filter Rows:

id	title	author_name	author_email

The SQL provided consists of all the codes and the queries, which have been stated clearly for understanding , while MySQL Workbench for Windows has been used for the database creation.

Below are screenshots of the Individual tables and relationships created.
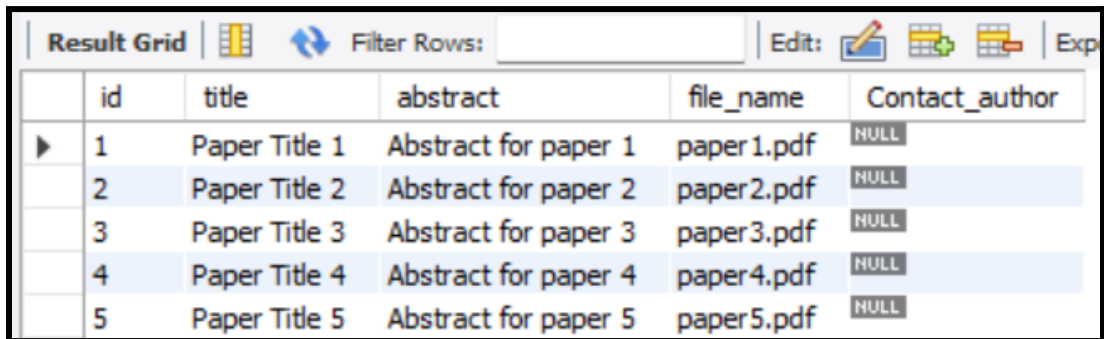
1. Table Author

	email	first_name	last_name
▶	xx1	John	Doe
	xx2	Jane	Smith
	xx3	Michael	Johnson
	xx4	Emily	Williams
	xx5	David	Brown
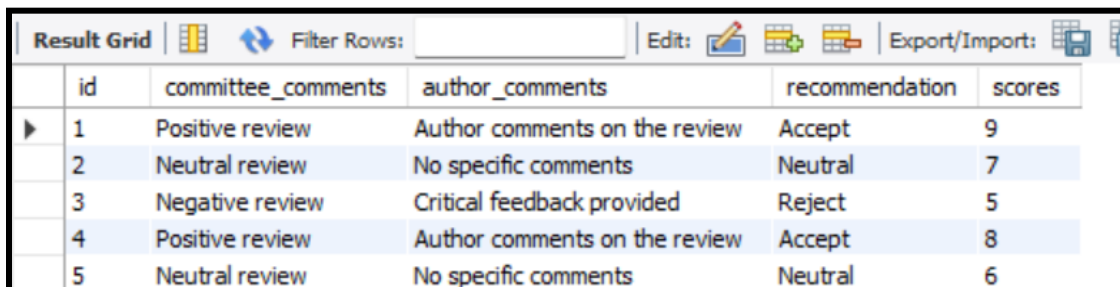
Result Grid — Filter Rows:

2. Table paper

Result Grid — Filter Rows: — Edit: — Exp

	id	title	abstract	file_name	Contact_author
▶	1	Paper Title 1	Abstract for paper 1	paper1.pdf	NULL
	2	Paper Title 2	Abstract for paper 2	paper2.pdf	NULL
	3	Paper Title 3	Abstract for paper 3	paper3.pdf	NULL
	4	Paper Title 4	Abstract for paper 4	paper4.pdf	NULL
	5	Paper Title 5	Abstract for paper 5	paper5.pdf	NULL

3. Table Review

Result Grid — Filter Rows: — Edit: — Export/Import:

	id	committee_comments	author_comments	recommendation	scores
▶	1	Positive review	Author comments on the review	Accept	9
	2	Neutral review	No specific comments	Neutral	7
	3	Negative review	Critical feedback provided	Reject	5
	4	Positive review	Author comments on the review	Accept	8
	5	Neutral review	No specific comments	Neutral	6

4. Table Reviewer

r_email	r_first_name	r_last_name	Ph	Affiliation
reviewer1@gmail.com	Alice	Johnson	123-456-7890	University A
reviewer2@gmail.com	Bob	Smith	987-654-3210	University B
reviewer3@yahoo.in	Carol	Williams	555-123-4567	University C
reviewer4@hotmail.com	Daniel	Brown	777-888-9999	University D
reviewer5@gmail.com	Eva	Davis	111-222-3333	University E

5. Table Topic

t_name	description_text
Business	Business and economic trends
Environment	Environmental issues and conservation
Science	Scientific research and findings
security	Cyber security
Technology	Articles related to technology and innovation

6. Table Writes

p_id	title	author_f_name	author_email
1	Paper Title 1	John	xx1
2	Paper Title 2	Jane	xx2
3	Paper Title 3	Michael	xx3
4	Paper Title 4	Emily	xx4
5	Paper Title 5	David	xx5

7. Table of_interests_for

t_name	r_email	r_first_name
Technology	reviewer1@gmail.com	Alice
Science	reviewer2@gmail.com	Bob
Environment	reviewer3@yahoo.in	Carol
security	reviewer4@hotmail.com	Daniel
Business	reviewer5@gmail.com	Eva

8. Table generates

score	recommendation	p_title	p_id
8	Accept	Paper Title 1	1
7	Neutral	Paper Title 2	2
5	Reject	Paper Title 3	3
9	Accept	Paper Title 4	4
6	Neutral	Paper Title 5	5