

Database Management System

(Lab Task No 03)



Session (2022-2026)

Program/Class

BS-Computer Science / 5rd Section-A

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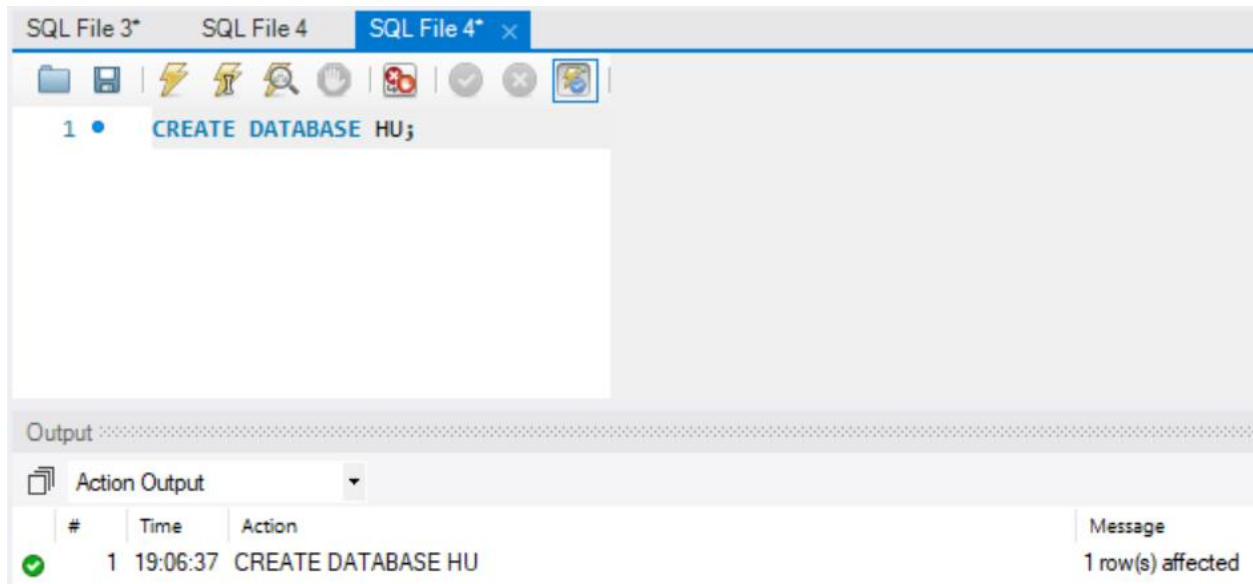
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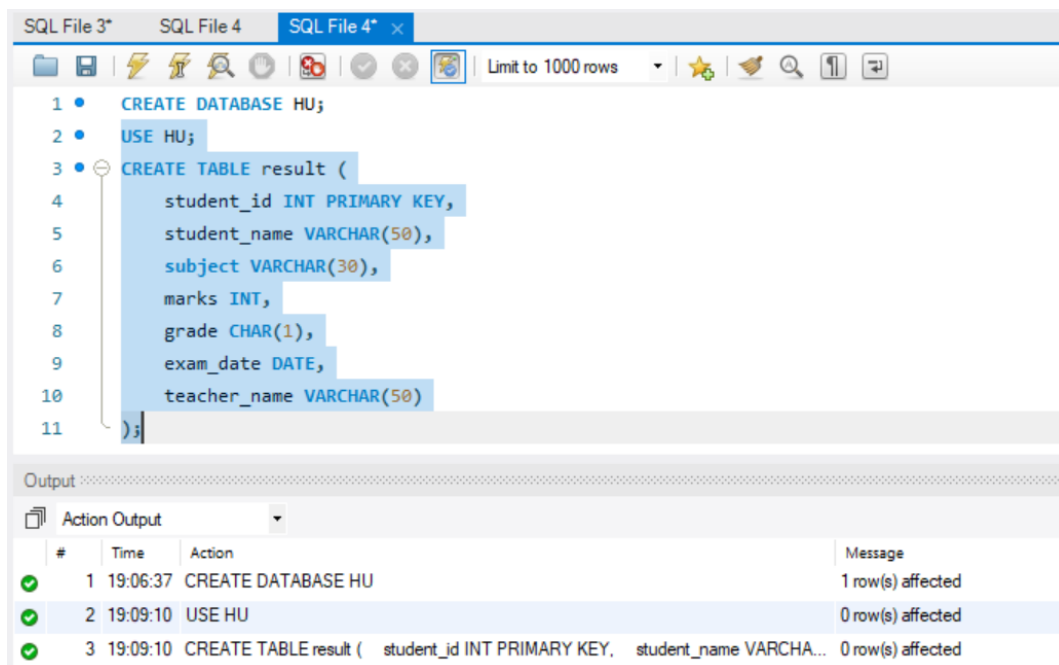
1. Create a database:

Create a database and name it school.



2. Create a table:

In the school database, create a table named result with 7 attributes related to student results.



3. Insert data into the table:

Insert 10 rows of data into the result table.

The screenshot shows a SQL editor window titled 'SQL File 4' with the following SQL code:

```
12 • INSERT INTO result (student_id, student_name, subject, marks, grade, exam_date, teacher)
13 VALUES
14 (1, 'Ahmed', 'Math', 85, 'A', '2024-01-10', 'Mr. Qasim'),
15 (2, 'Aisha', 'English', 78, 'B', '2024-01-10', 'Ms. Fatima'),
16 (3, 'Bilal', 'Science', 92, 'A', '2024-01-10', 'Mr. Hussain'),
17 (4, 'Zainab', 'History', 74, 'B', '2024-01-11', 'Ms. Khadija'),
18 (5, 'Omar', 'Geography', 88, 'A', '2024-01-11', 'Mr. Ali'),
19 (6, 'Sara', 'Math', 65, 'C', '2024-01-12', 'Mr. Qasim'),
20 (7, 'Hassan', 'English', 95, 'A', '2024-01-12', 'Ms. Fatima'),
21 (8, 'Mariam', 'Science', 80, 'B', '2024-01-12', 'Mr. Hussain'),
22 (9, 'Yasmin', 'History', 89, 'A', '2024-01-13', 'Ms. Khadija'),
23 (10, 'Zaid', 'Geography', 77, 'B', '2024-01-13', 'Mr. Ali');
```

The output window shows the following results:

#	Time	Action	Message
✓ 1	19:18:13	USE HU	0 row(s) affected
✓ 2	19:18:13	CREATE TABLE result (student_id INT PRIMARY KEY, student_name VARCHAR...	0 row(s) affected
✓ 3	19:18:33	INSERT INTO result (student_id, student_name, subject, marks, grade, exam_date, te...	10 row(s) affected Records: 10

4. Create a new table:

Create a new table resultcopy by copying 3 attributes from the result table.

The screenshot shows a SQL editor window titled 'SQL File 4' with the following SQL code:

```
25 • CREATE TABLE resultcopy AS
26 SELECT student_id, student_name, marks
27 FROM result;
```

The output window shows the following results:

#	Time	Action	Message
✓ 1	19:06:37	CREATE DATABASE HU	1 row(s) affected
✓ 2	19:09:10	USE HU	0 row(s) affected
✓ 3	19:09:10	CREATE TABLE result (student_id INT PRIMARY KEY, student_name VARCHAR...	0 row(s) affected
✓ 4	19:10:47	INSERT INTO result (student_id, student_name, subject, marks, grade, exam_date, te...	10 row(s) affected Records: 10
✓ 5	19:12:34	CREATE TABLE resultcopy AS SELECT student_id, student_name, marks FROM result	10 row(s) affected Records: 10

5. Delete the resultcopy table:

After copying the 3 attributes, drop (delete) the resultcopy table.

```
28 • DROP TABLE resultcopy;
29
```

Output

Action Output

#	Time	Action	Message
✓ 1	19:06:37	CREATE DATABASE HU	1 row(s) affected
✓ 2	19:09:10	USE HU	0 row(s) affected
✓ 3	19:09:10	CREATE TABLE result (student_id INT PRIMARY KEY, student_name VARCHA...	0 row(s) affected
✓ 4	19:10:47	INSERT INTO result (student_id, student_name, subject, marks, grade, exam_date, te...	10 row(s) affected Records:
✓ 5	19:12:34	CREATE TABLE resultcopy AS SELECT student_id, student_name, marks FROM result	10 row(s) affected Records:
✓ 6	19:13:25	DROP TABLE resultcopy	0 row(s) affected

6. Display the original table:

Finally, display all the records from the result table.

```
27
28 • DROP TABLE resultcopy;
29
30 • SELECT * FROM result;
31
32
```

Limit to 1000 rows

Result Grid

	student_id	student_name	subject	marks	grade	exam_date	teacher_name
▶	1	Ahmed	Math	85	A	2024-01-10	Mr. Qasim
	2	Aisha	English	78	B	2024-01-10	Ms. Fatima
	3	Bilal	Science	92	A	2024-01-10	Mr. Hussain
	4	Zainab	History	74	B	2024-01-11	Ms. Khadija
	5	Omar	Geography	88	A	2024-01-11	Mr. Ali
	6	Sara	Math	65	C	2024-01-12	Mr. Qasim

result 2

Apply Revert

Result Grid

Form Editor