SQL Questions SET 1

(5 marks)

Consider the following relational schema of an online cloud storage management system:

USER

<u>user id</u> name email	address	mobile_no	designation	mgr_id
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USER_LOGIN

<u>login id</u> password user_id init_date exp_date server_id

SERVER

server_id	server_name	mgr_id
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FILE

has	h id file na	ame creation_date	created_login_id	last_op_id	server_id
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FILE_OPERATIONS

op id file_h	ash_id login_i d	mgr_id	operation	status	date	time
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Operation can have values – *read*, *write* or *delete* status can have values – *pending*, *approved*, or *rejected*.

Questions

1. Give the correct interpretation of the following SQL query:

(1.5 marks)

select file_name

from FILE

where last_op_id in (Select op_id

from FILE_OPERATIONS

where operation = 'delete' and status = 'approved');

2. Write an SQL query to find the managers and the number of users they are managing.

(1.5 marks)

mør id	num users
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3. Give the correct interpretation of the following sql query:

(1.5 marks)

- 4. Which of the following sql commands is used to modify the schema of a relation: (0.5 marks)
- a) ALTER
- b) UPDATE
- c) MODIFY
- d) CHANGE