­­



Submitted to

:

Mam Humaira Batool

***BS-Software Engineering 4th-E***

Title: LAB Exercise 2

DBMS

Hamza Mehmood

Roll# SP-21-110

NUML-S21-23530

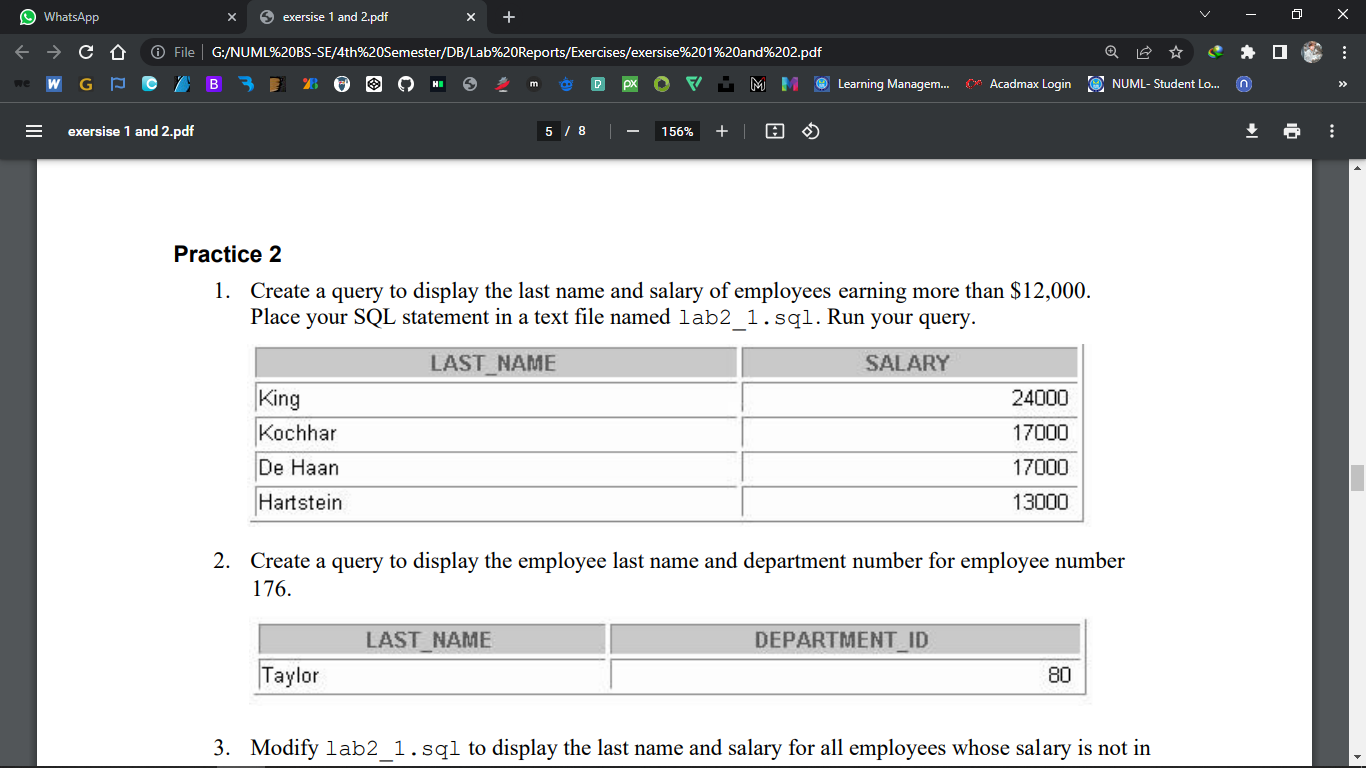


National University of Modern Languages

DBMS (MySQL)

# Chapter # 2 Exercise

**Question # 01**

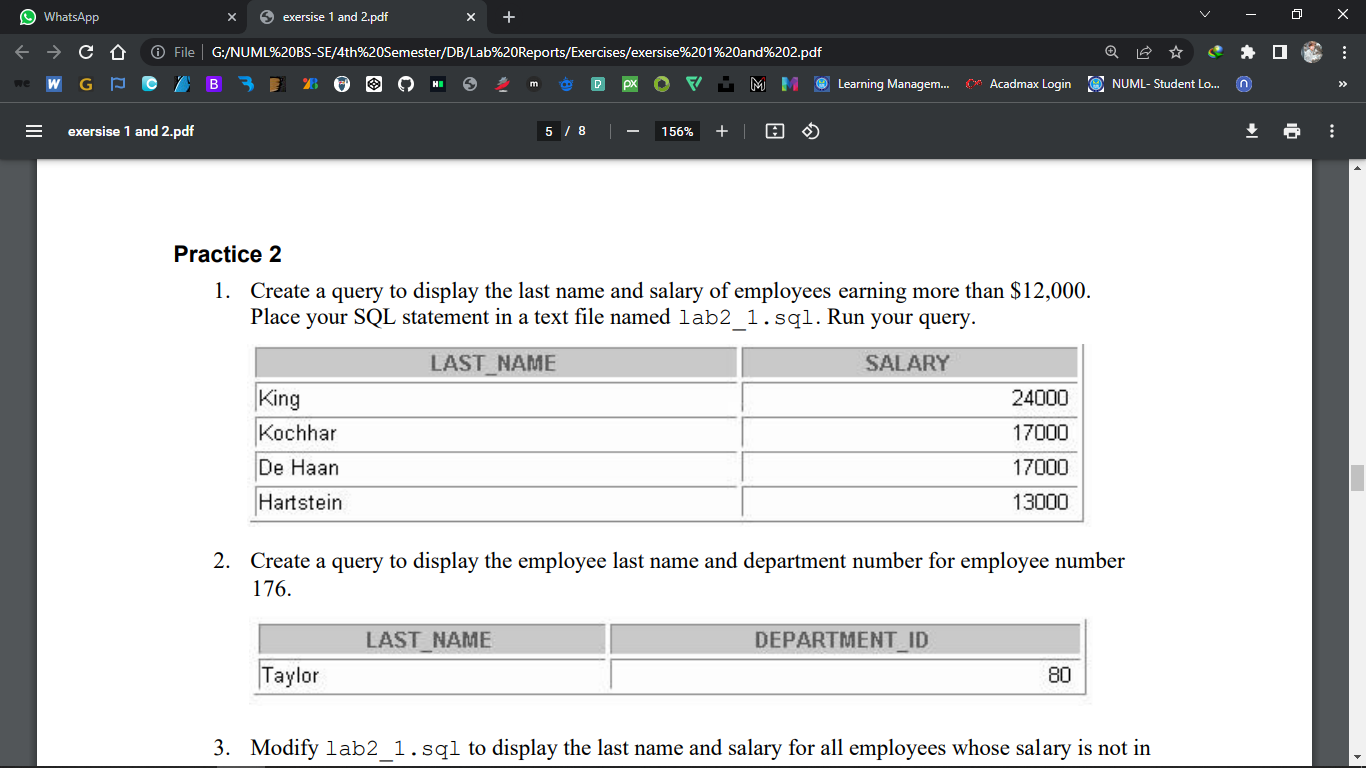


**Answer**: **SELECT last\_name, salary**

**FROM employees**

**WHERE salary > 12000;**

**Question #02**

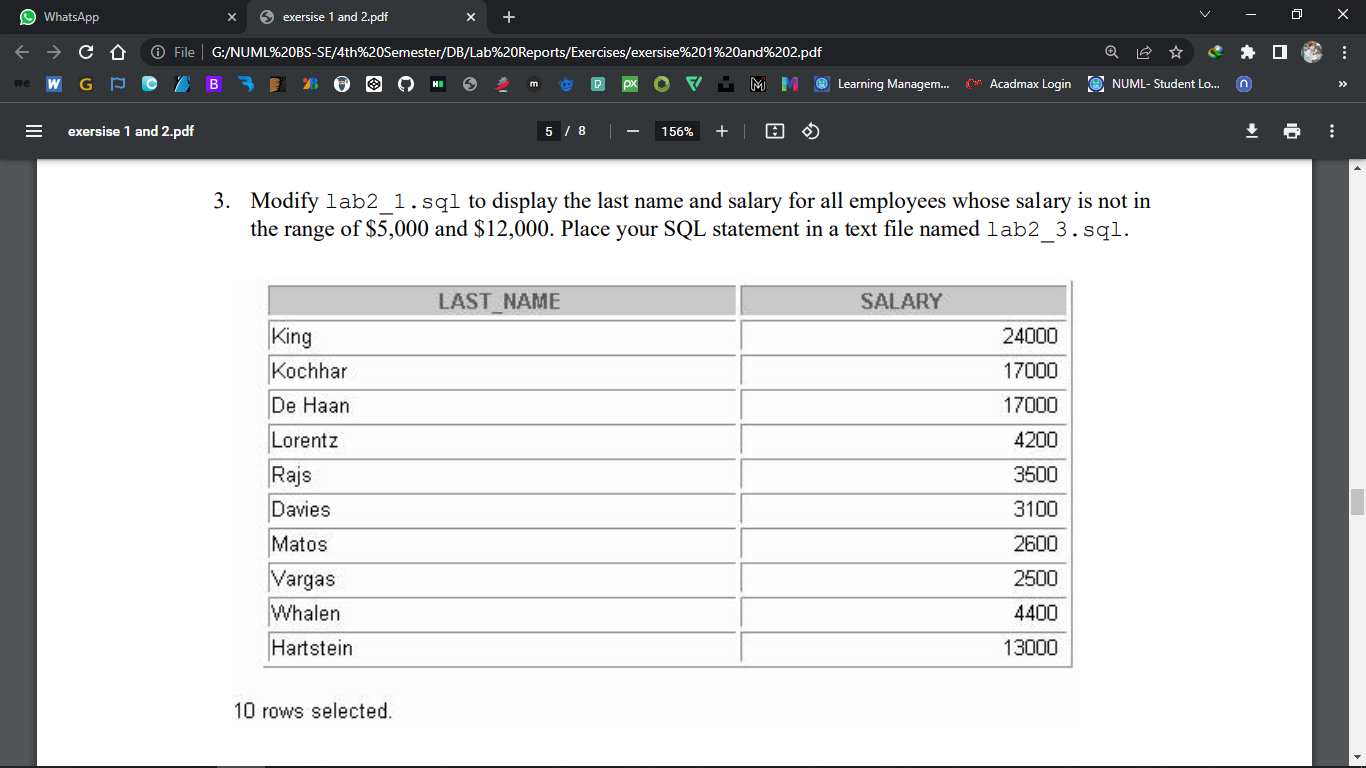
****

**Answer: SELECT last\_name, department\_id**

**FROM employees**

**WHERE employee\_id = 176;**

**Question # 03**

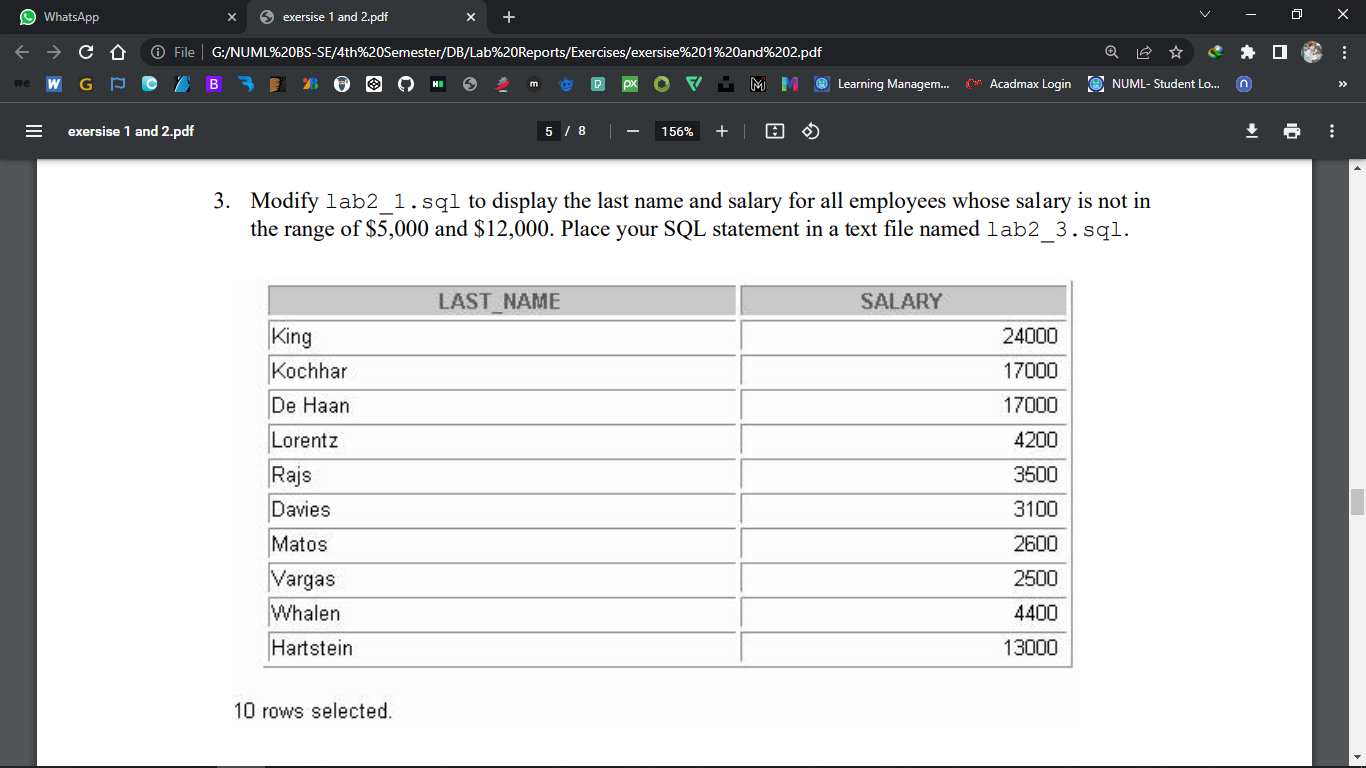
****

**Answer: SELECT last\_name, salary**

**FROM employees**

**WHERE salary NOT BETWEEN 5000 AND 12000;**

**Question # 04**



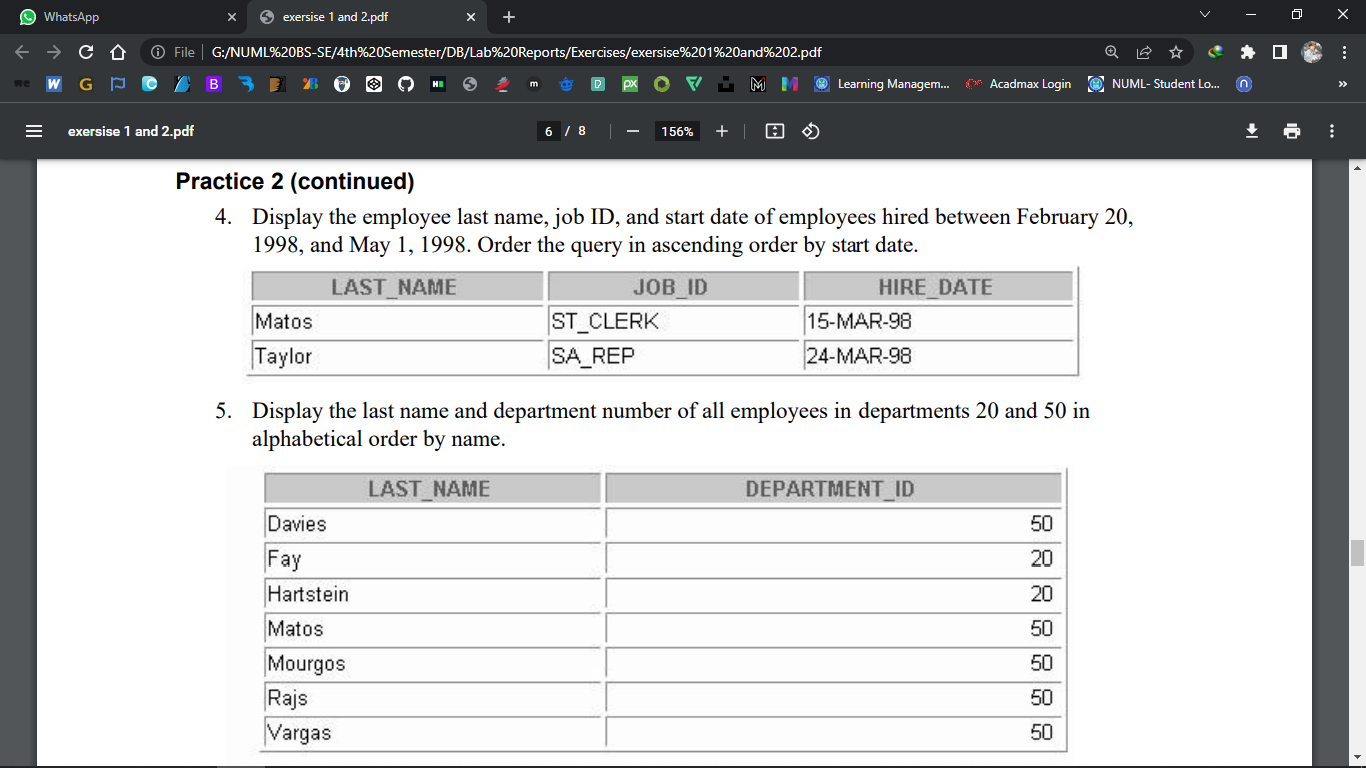
**Answer: SELECT last\_name, job\_id, hire\_date**

**FROM employees**

**WHERE hire\_date BETWEEN '20-Feb-1998' AND '01-May-1998'**

**ORDER BY hire\_date;**

**Question # 5**



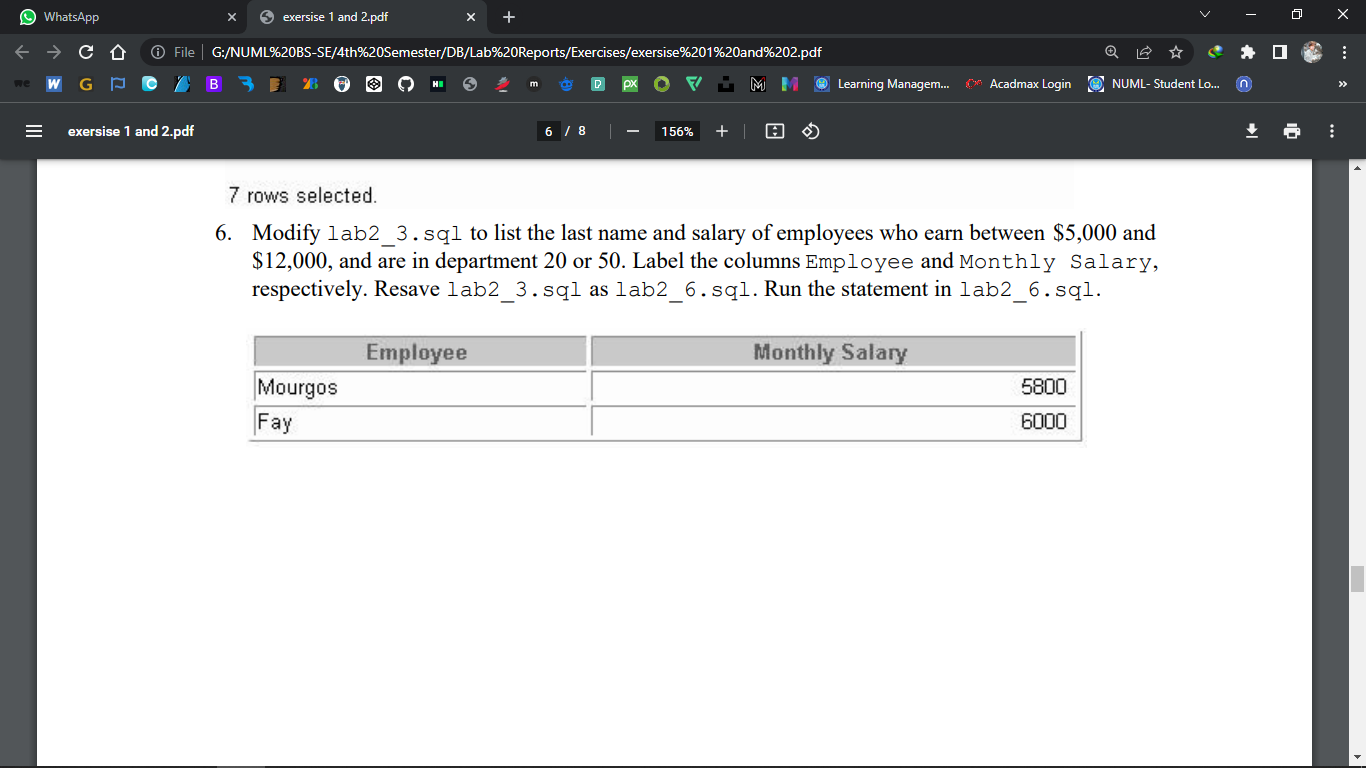
**Answer: SELECT last\_name, department\_id**

**FROM employees**

**WHERE department\_id IN (20, 50)**

**ORDER BY last\_name;**

**Question #06**

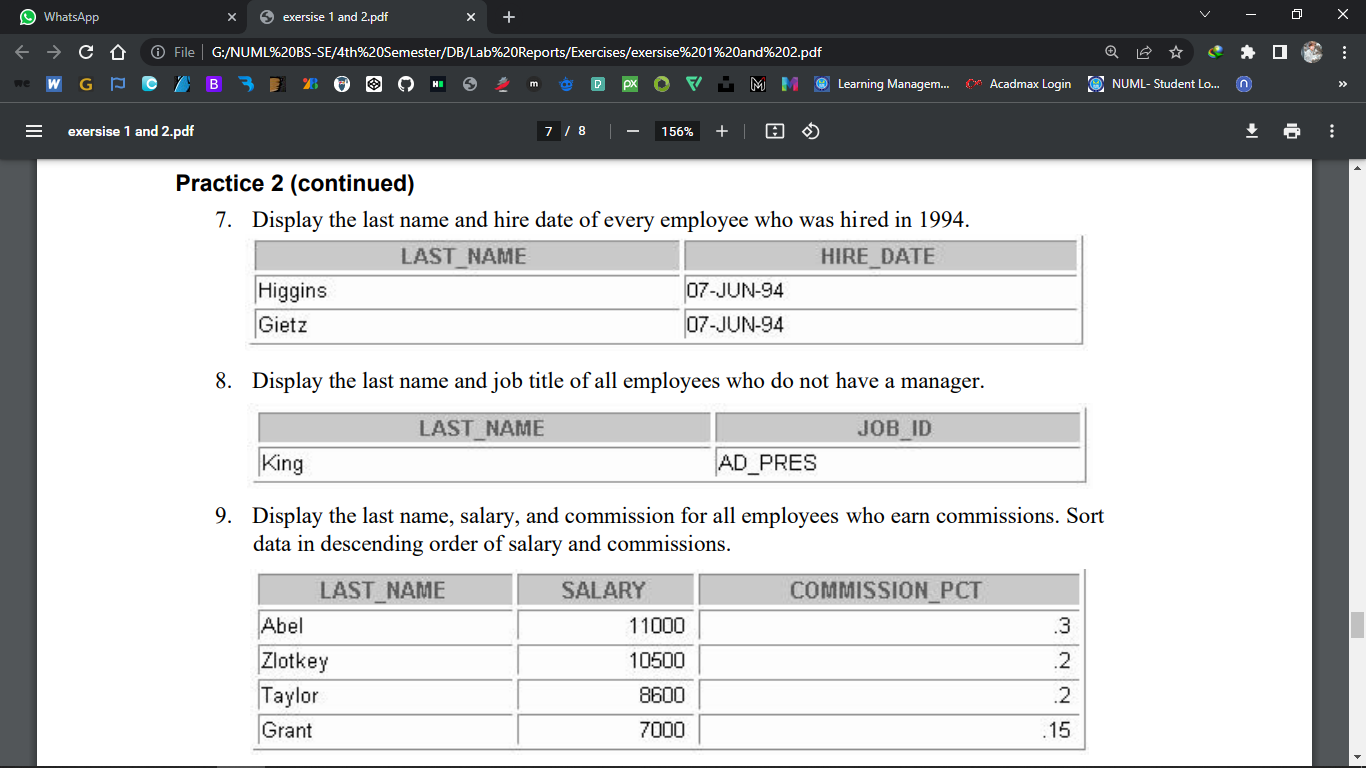


**Answer:** **SELECT last\_name "Employee", salary "Monthly Salary"**

**FROM employees**

**WHERE salary BETWEEN 5000 AND 12000 AND department\_id IN (20, 50);**

**Question # 7**



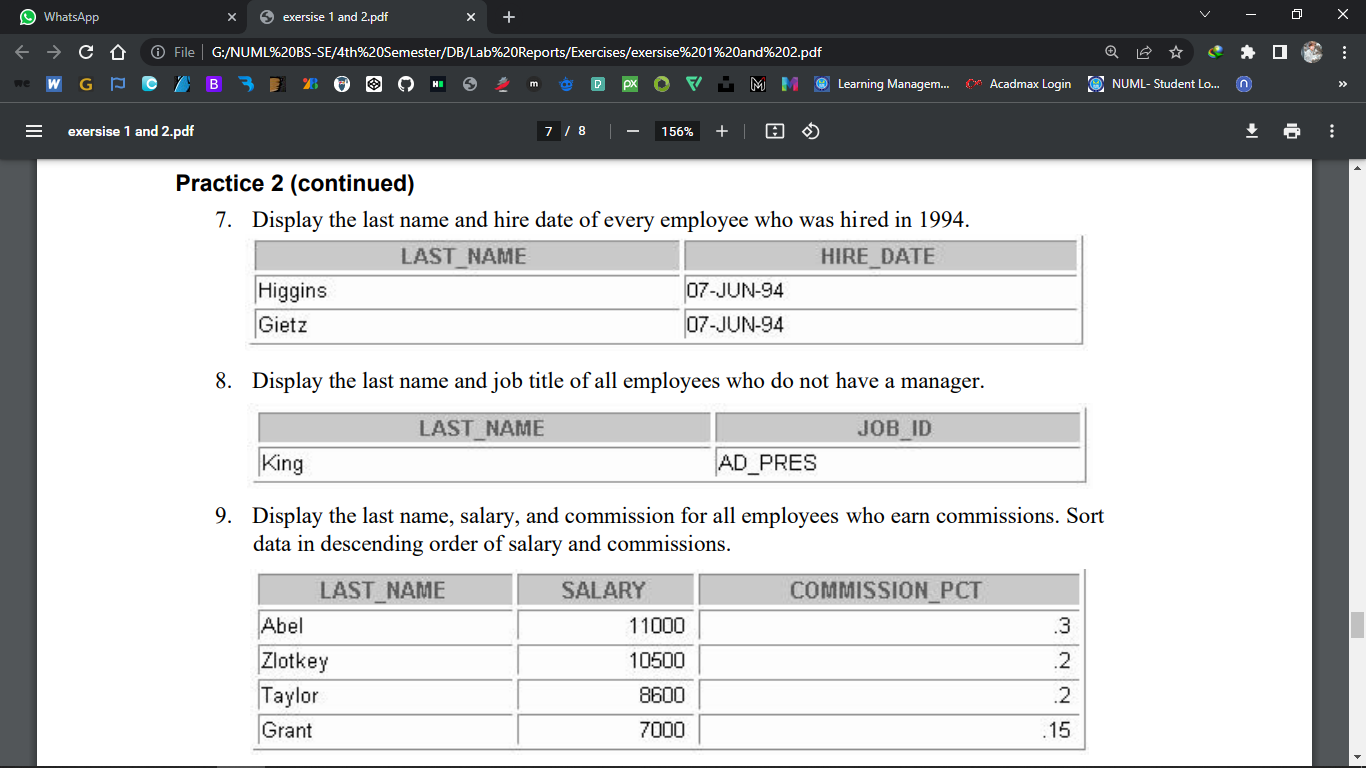
**Answer:**

**SELECT last\_name, hire\_date**

**FROM employees**

**WHERE hire\_date LIKE '%94';**

**Question # 08**



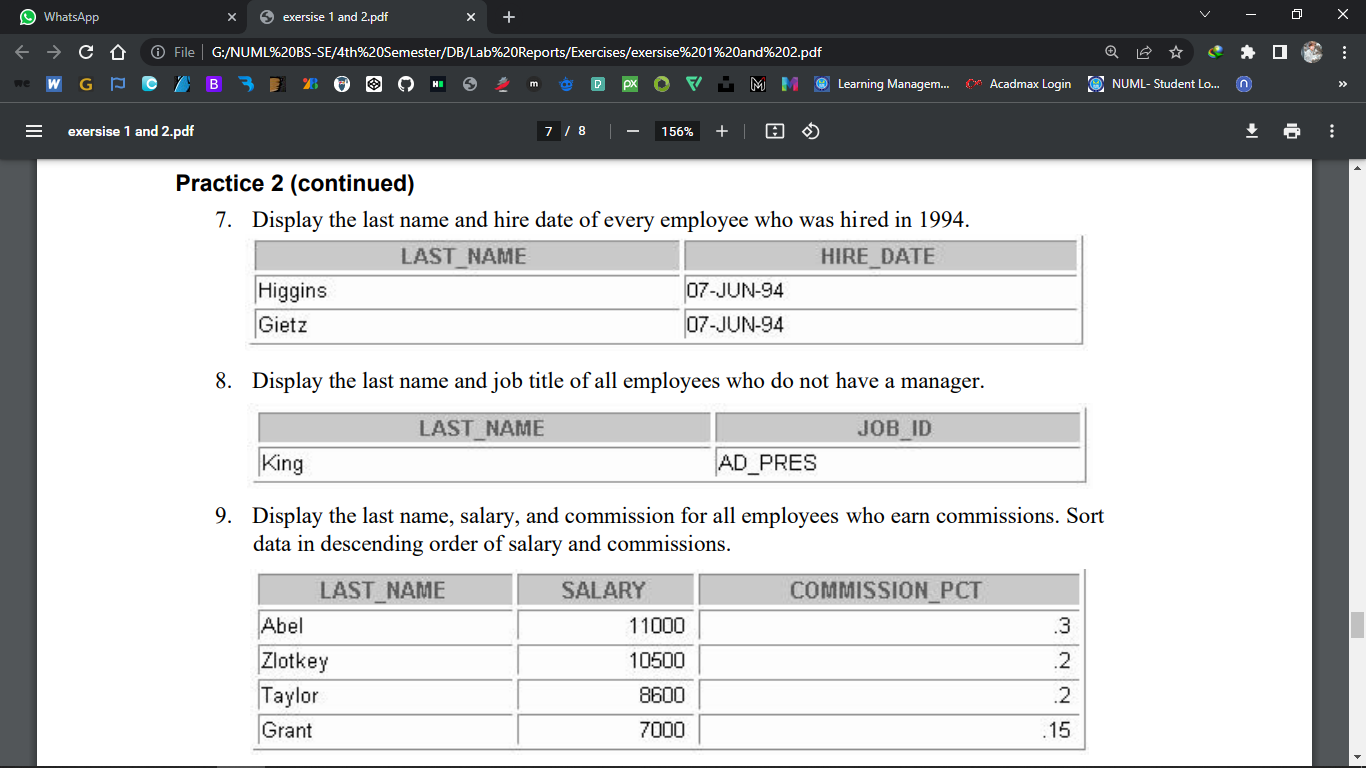
**Answer:**

**SELECT last\_name, job\_id**

**FROM employees**

**WHERE manager\_id IS NULL;**

**Question # 9**



**Answer:**

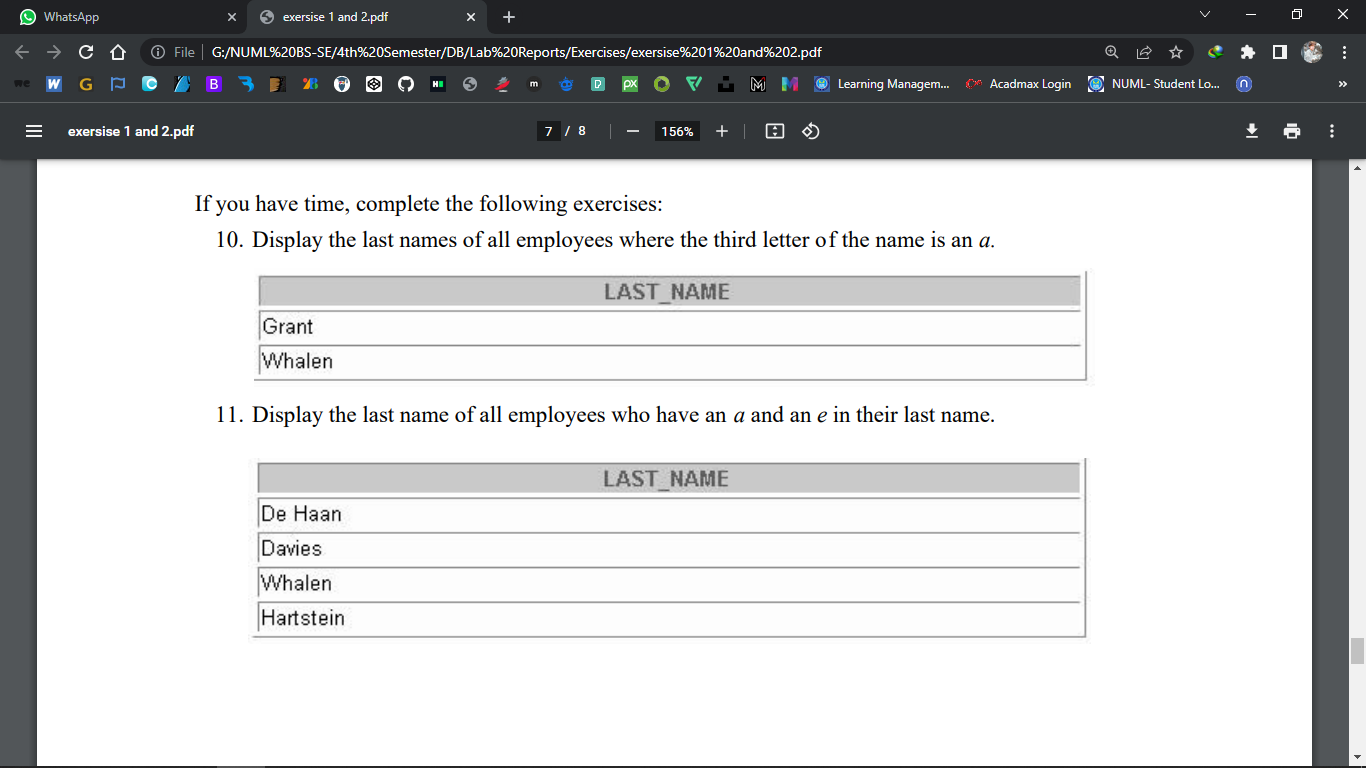
**SELECT last\_name, salary, commission\_pct**

**FROM employees**

**WHERE commission\_pct IS NOT NULL**

**ORDER BY salary DESC, commission\_pct DESC;**

**Question # 10**



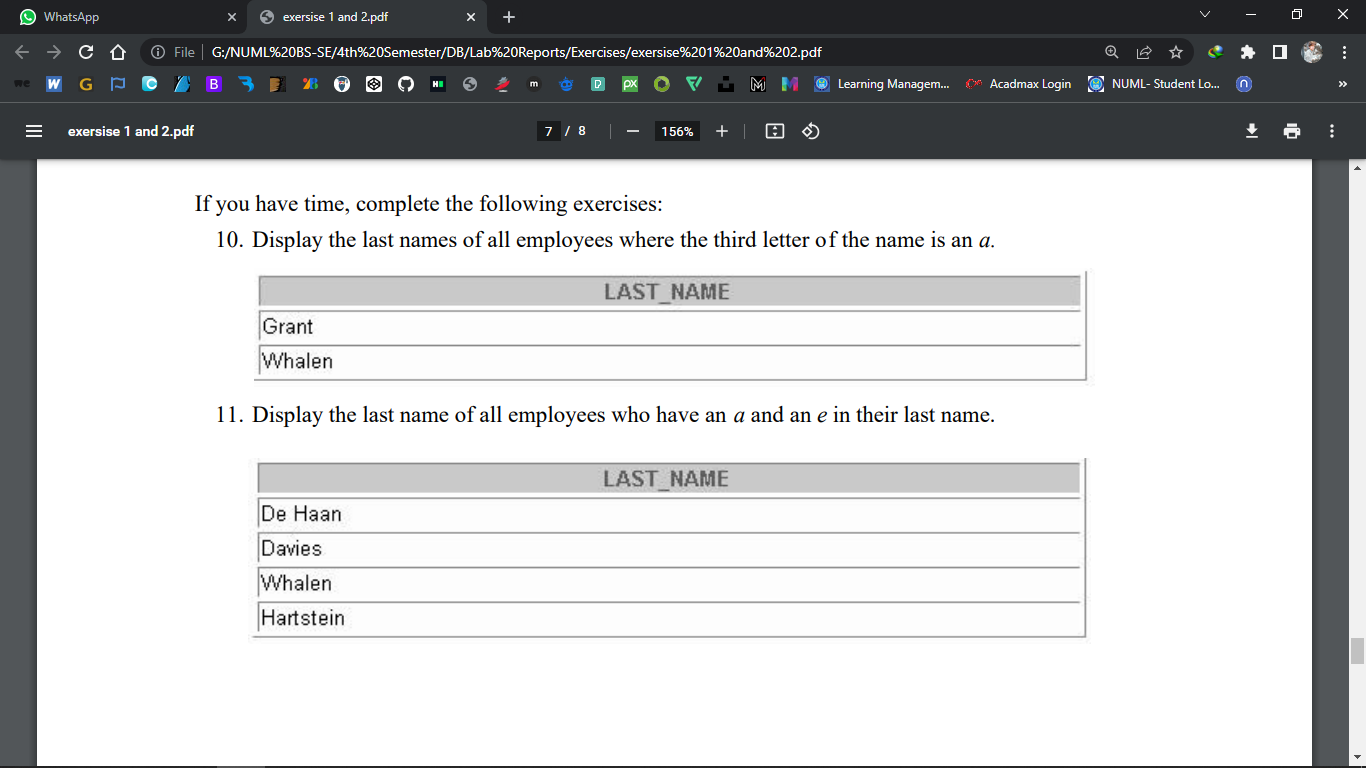
**Answer**

**SELECT last\_name**

**FROM employees**

**WHERE last\_name LIKE '\_\_a%';**

**Question # 11**

****

**Answer**

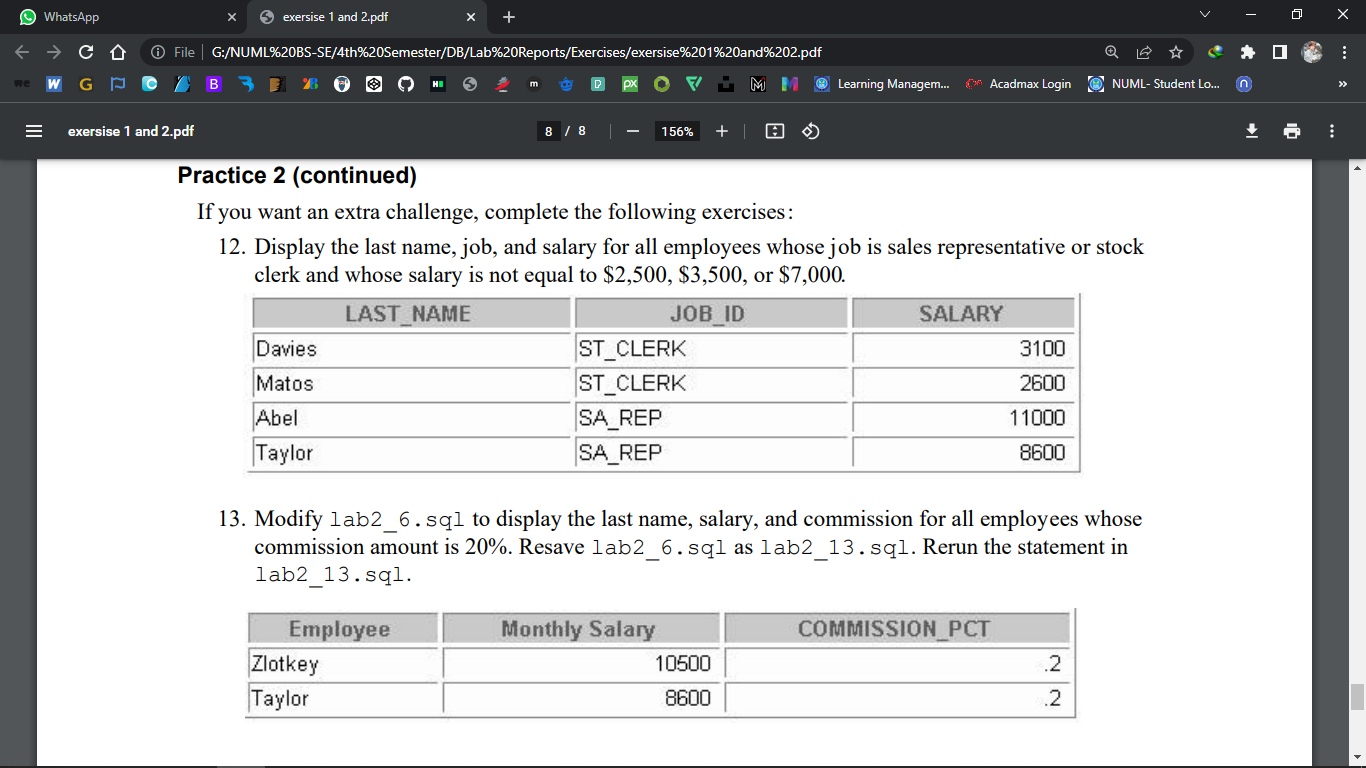
**SELECT last\_name**

**FROM employees**

**WHERE last\_name LIKE '%a%'**

**AND last\_name LIKE '%e%';**

**Question # 12**

****

**Answer:**

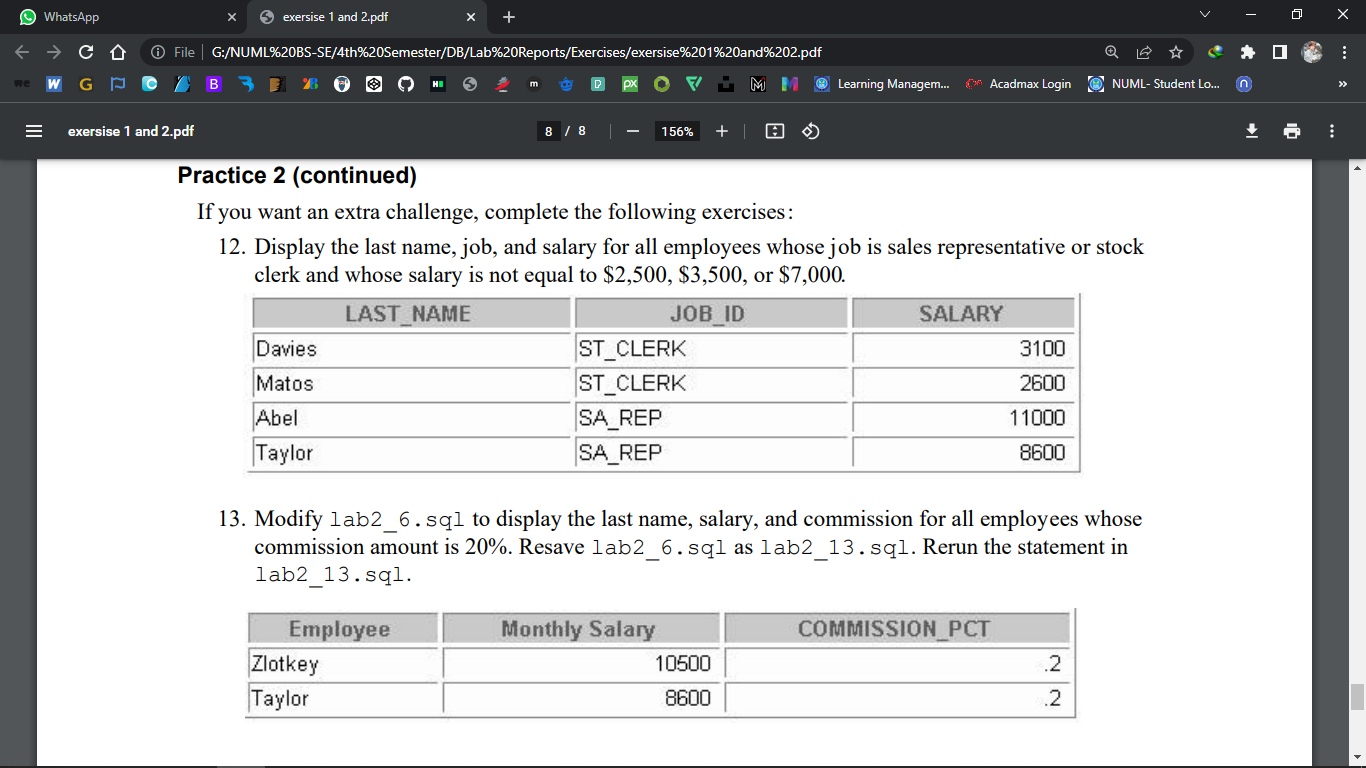
**SELECT last\_name, job\_id, salary**

**FROM employees**

**WHERE job\_id IN ('SA\_REP', 'ST\_CLERK')**

**AND salary NOT IN (2500, 3500, 7000);**

**Question # 13**

****

**Answer:.**

**SELECT last\_name "Employee", salary "Monthly Salary",**

**commission\_pct**

**FROM employees**

**WHERE commission\_pct = .20;**