DATABASE MANAGEMENT SYSTEM
CS23332

EXERCISE 4
WRITING BASIC SQL SELECT STATEMENTS

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2. Show the structure of departments the table. Select all the data from it.

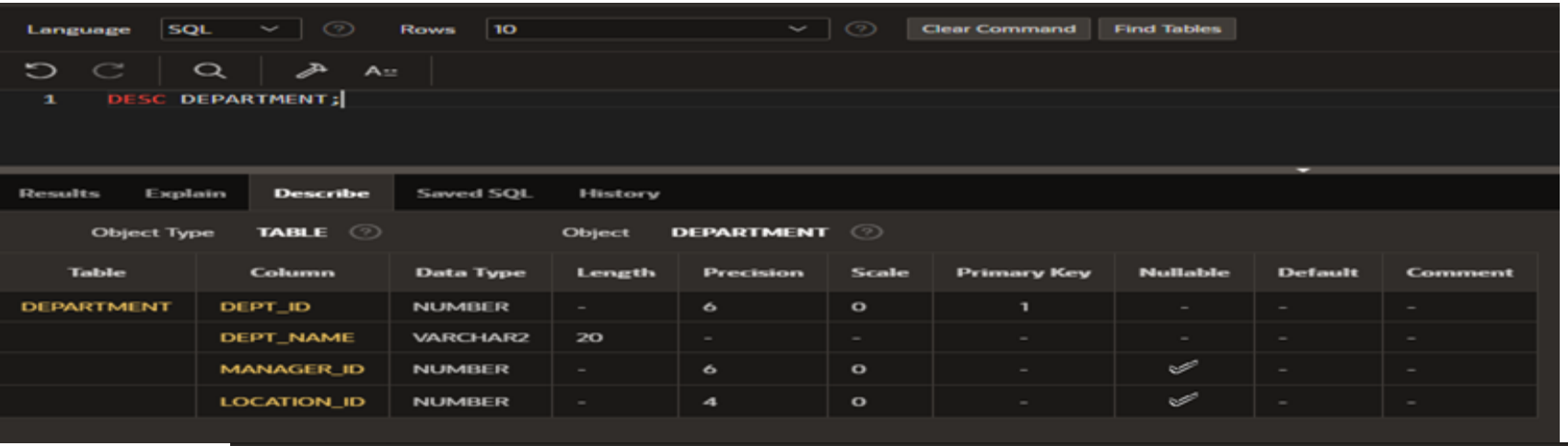
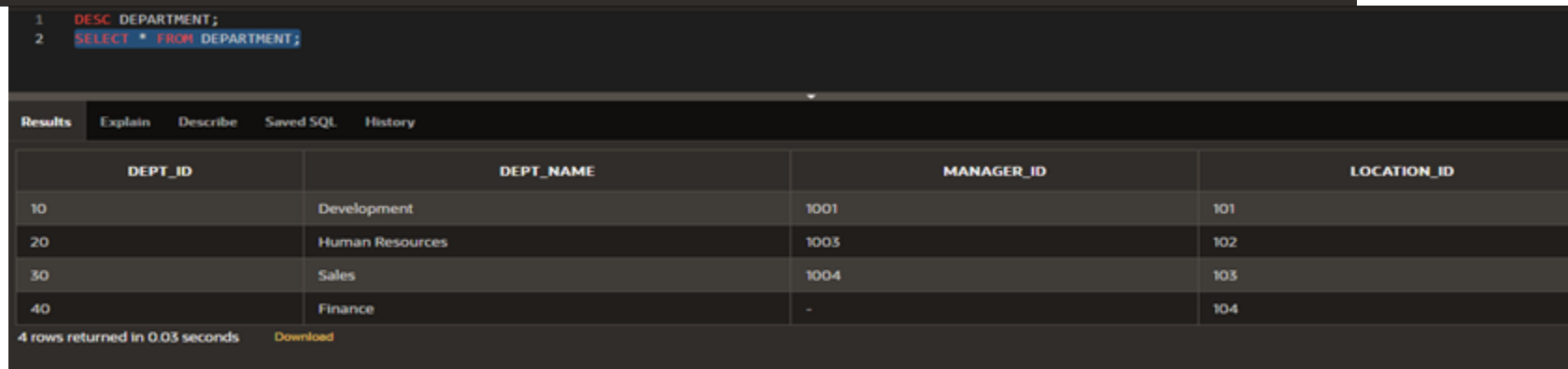


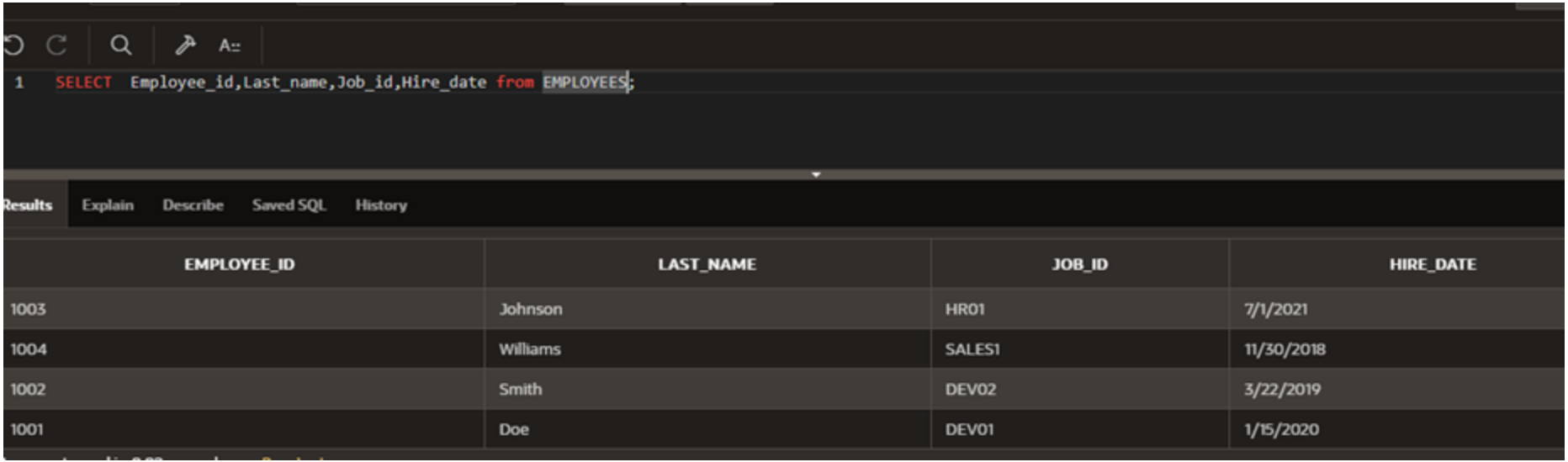
Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
DEPARTMENT	DEPT_ID	NUMBER	-	6	0	1	-	-	-
	DEPT_NAME	VARCHAR2	20	-	-	-	-	-	-
	MANAGER_ID	NUMBER	-	6	0	-	✓	-	-
	LOCATION_ID	NUMBER	-	4	0	-	✓	-	-



DEPT_ID	DEPT_NAME	MANAGER_ID	LOCATION_ID
10	Development	1001	101
20	Human Resources	1003	102
30	Sales	1004	103
40	Finance	-	104

4 rows returned in 0.03 seconds Download

3. Create a query to display the last name, job code, hire date, and employee number for each employee, with employee number appearing first.

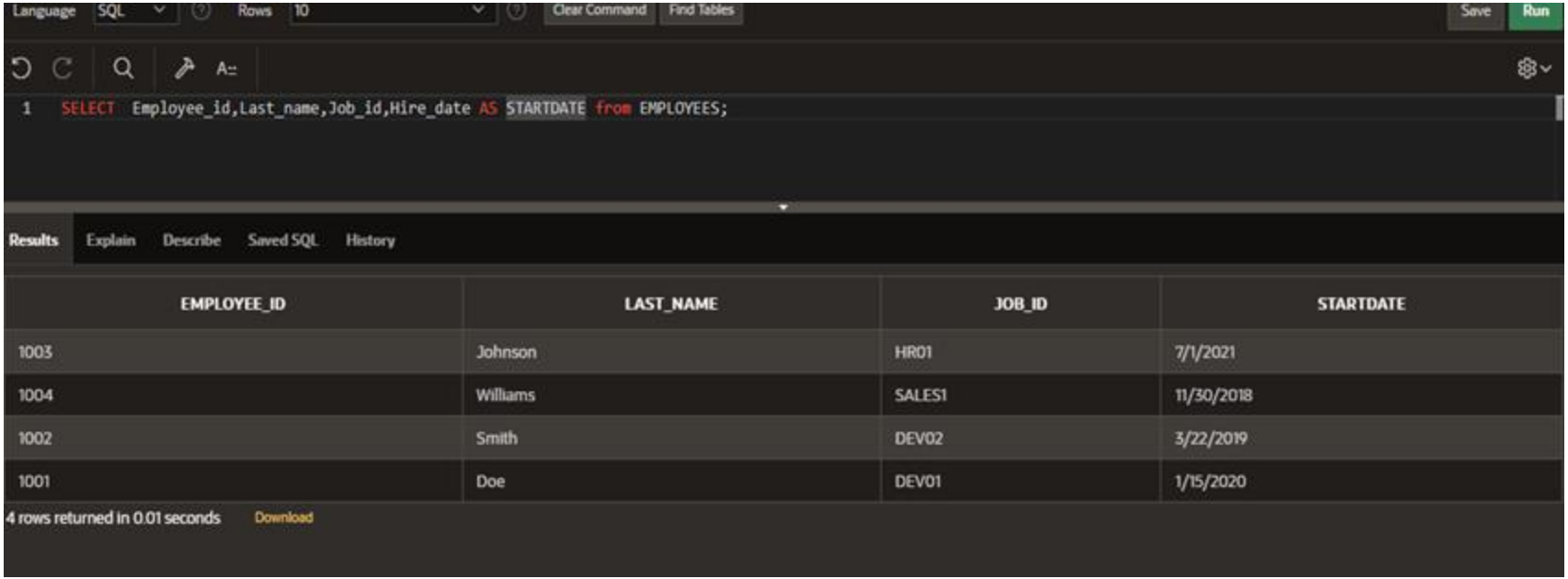


```
1  SELECT  Employee_id,Last_name,Job_id,Hire_date from EMPLOYEES;
```

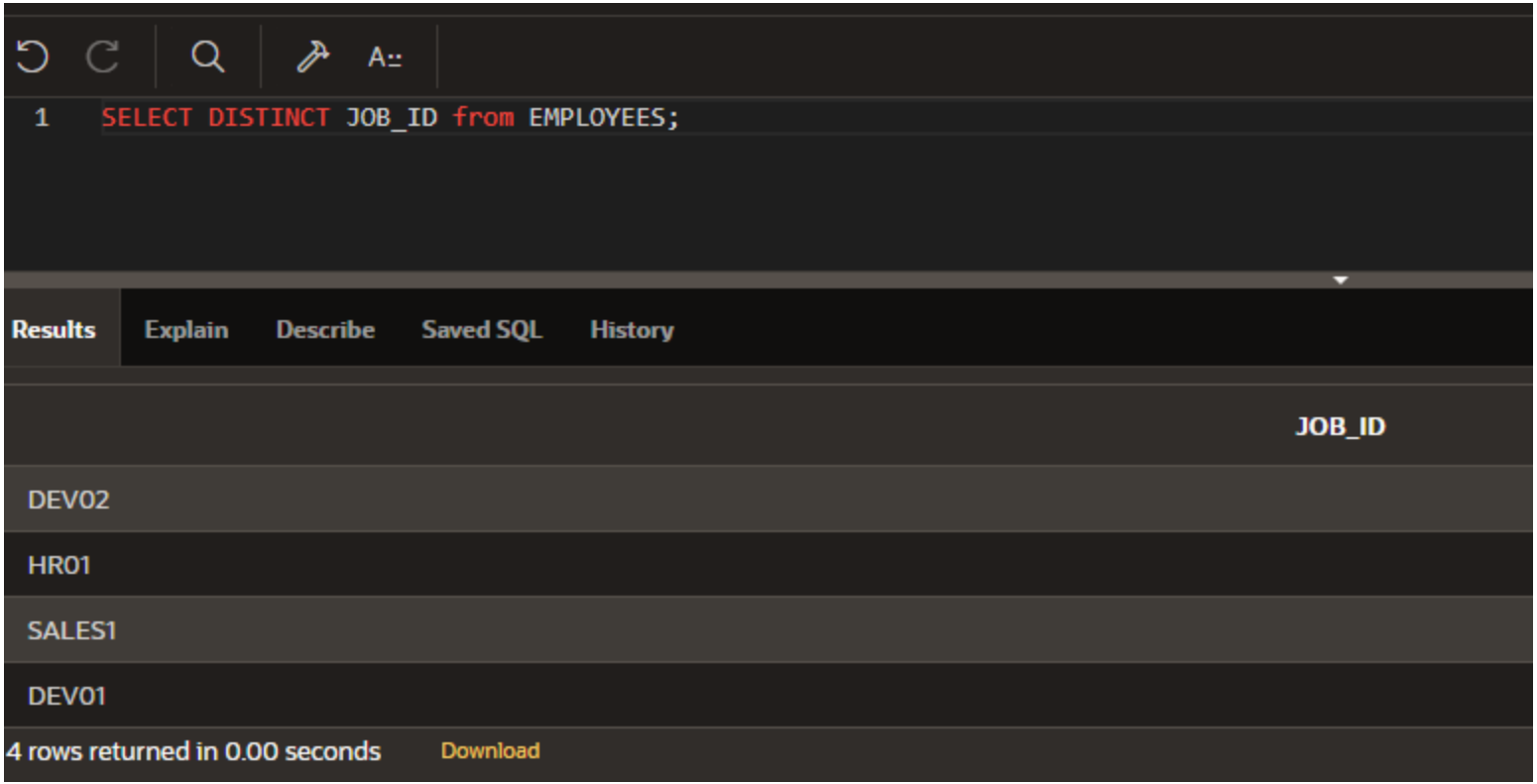
Results | Explain | Describe | Saved SQL | History

EMPLOYEE_ID	LAST_NAME	JOB_ID	HIRE_DATE
1003	Johnson	HR01	7/1/2021
1004	Williams	SALES1	11/30/2018
1002	Smith	DEV02	3/22/2019
1001	Doe	DEV01	1/15/2020

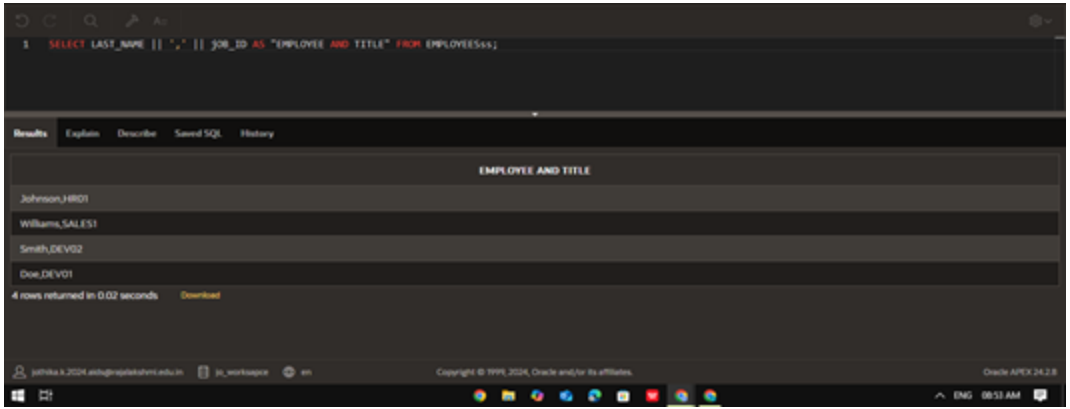
4. Provide an alias STARTDATE for the hire date.



5. Create a query to display unique job codes from the employee table.



6. Display the last name concatenated with the job ID , separated by a comma and space, and name the column EMPLOYEE and TITLE.



7. Create a query to display all the data from the employees table. Separate each column by a comma. Name the column THE_OUTPUT