Exercise 4-Writing Basic SQL select statements

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

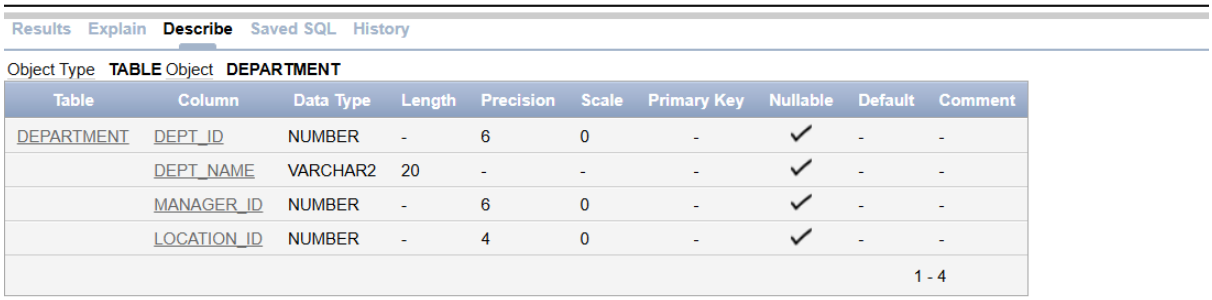
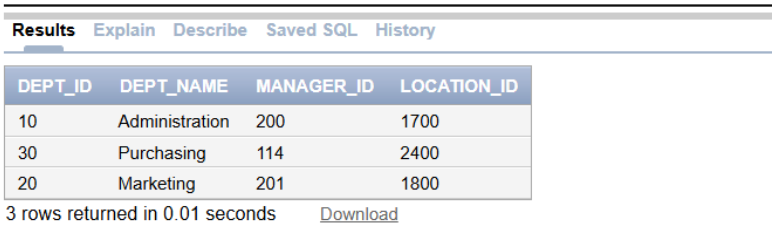


Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
DEPARTMENT	DEPT_ID	NUMBER	-	6	0	-	✓	-	-
	DEPT_NAME	VARCHAR2	20	-	-	-	✓	-	-
	MANAGER_ID	NUMBER	-	6	0	-	✓	-	-
	LOCATION_ID	NUMBER	-	4	0	-	✓	-	-

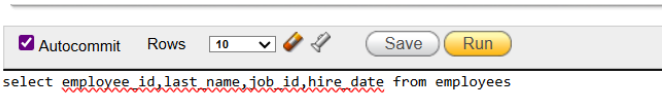
1 - 4

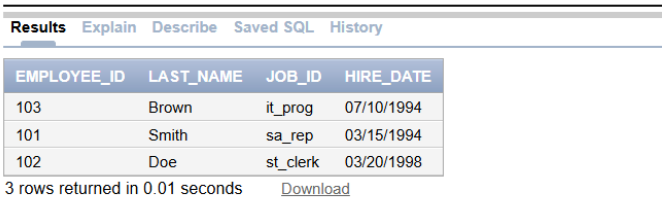


DEPT_ID	DEPT_NAME	MANAGER_ID	LOCATION_ID
10	Administration	200	1700
30	Purchasing	114	2400
20	Marketing	201	1800

3 rows returned in 0.01 seconds Download

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

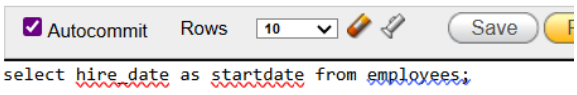




EMPLOYEE_ID	LAST_NAME	JOB_ID	HIRE_DATE
103	Brown	it_prog	07/10/1994
101	Smith	sa_rep	03/15/1994
102	Doe	st_clerk	03/20/1998

3 rows returned in 0.01 seconds Download

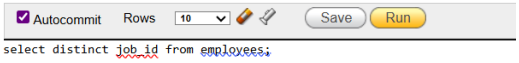
3. Provide an alias STARTDATE for the hire date.

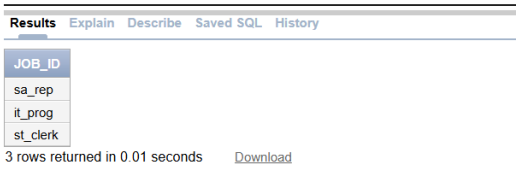


STARTDATE
07/10/1994
03/15/1994
03/20/1998

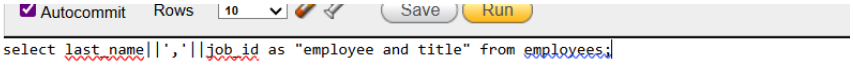
3 rows returned in 0.01 seconds Download

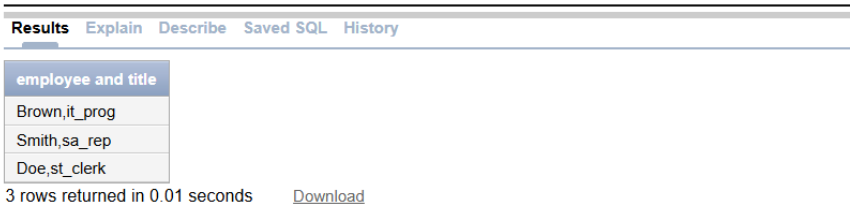
4. Create a query to display unique job codes from the employee table.



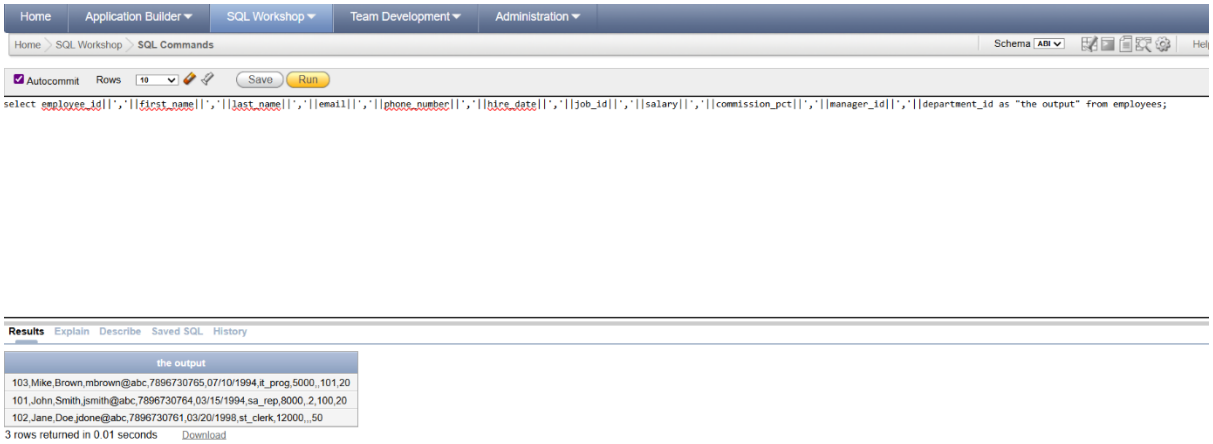


5. Display the last name concatenated with the job ID, separated by a comma and space, and name the column EMPLOYEE and TITLE.





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


Home
Application Builder
SQL Workshop
Team Development
Administration
Home > SQL Workshop > SQL Commands
Schema ABI
Autocommit
Rows 10
Save
Run
select employee_id||','||first_name||','||last_name||','||email||','||phone_number||','||hire_date||','||job_id||','||salary||','||commission_pct||','||manager_id||','||department_id as "the output" from employees;
Results
Explain
Describe
Saved SQL
History
the output
103,Mike,Brown,mbrown@abc,7896730765,07/10/1994,it_prog,5000,,101,20
101,John,Smith,jsmith@abc,7896730764,03/15/1994,sa_rep,8000,,2,100,20
102,Jane,Doe,jdone@abc,7896730761,03/20/1998,st_clerk,12000,,,50
3 rows returned in 0.01 seconds
Download