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Ex.No.: 3		MUDITING DAGIC COL CELECT STATEMENTS
Date:	10/08/2024	WRITING BASIC SQL SELECT STATEMENTS

Find the Solution for the following:

True OR False

1. The following statement executes successfully.

Identify the Errors SELECT employee_id, last_name sal*12 ANNUAL SALARY FROM employees;

FALSE

The columns in select statement should be separated by commas and the column alias shouldbe given by using a keyword "as"

SELECT employee_id, last_name, salary*12 as "ANNUAL SALARY" FROM employees;

EMPLOYEE_ID	LAST_NAME	ANNUAL_SALARY
E001	Smith	900000
E002	Johnson	780000
E003	Williams	696000

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

Desc employees;

Object Type TABLE Object EMPL

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
<u>EMPL</u>	EMPLOYEE_ID	VARCHAR2	4	-	-	-	~	-	-
	LAST_NAME	VARCHAR2	25	-	-	-	~	-	-
	JOB_CODE	VARCHAR2	4	-	-	-	~	-	-
	SAL	NUMBER	-	9	0	-	~	-	-
	HIRE_DATE	DATE	7	-	-	-	~	-	-
	DEPT_ID	VARCHAR2	4	-	-	-	~	-	-
								1	- 6

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

select employee_id , job_id , last_name , hire_date from employees;

EMPLOYEE_ID	LAST_NAME	JOB_CODE	HIRE_DATE
E001	Smith	MGR	01/15/2022
E002	Johnson	DEV	03/22/2023
E003	Williams	HR	06/10/2024

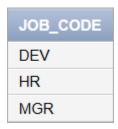
4) Provide an alias STARTDATE for the hire date.

select hire_date as "STARTDATE" from employees;

STARTDATE
01/15/2022
03/22/2023
06/10/2024

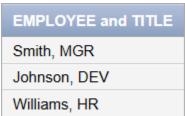
5) Create a query to display unique job codes from the employee table.select

distinct(job_id) from employees;



6) Display the last name concatenated with the job ${\rm ID}$, separated by a comma and space, and name the column EMPLOYEE and TITLE.

 $select\ last_name\ \|\ '\ '\|\ ','\|\ '\ '\|\ job_id\ as\ "EMPLOYEE\ AND\ TITLE"\ from\ employees;$



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

 $select\ employee_id\ \|\ '\ ,\ '\ \|\ first_name\ \|\ '\ ,\ '\ \|\ email\ \|\ '\ ,\ '\ \|\ phone_number\ \|\ '\ ,\ '\ \|\ hire_date\ \|\ '\ ,\ '\ \|\ job_id\ \|\ '\ ,\ '\ \|\ salary\ \|\ '\ ,\ '\ \|\ commission_pct\ \|\ '\ ,\ '\ \|\ manager_id\ \|\ '\ ,\ '\ \|\ department_id\ as\ "THE_OUTPUT"$ from employees;

THE_OUTPUT

E001, Smith, 75000, D001

E002, Johnson, 65000, D002

E003, Williams, 58000, D003