

Exercise 1: SQL Fundamentals Answers

Table employees -db

1. SELECT Statement

SELECT * FROM emproyees;

20 SELECT DISTINCT Stutement

FROM employers;

Expected Outpu	t. department
	IT HR
	Finance
	marketing

3. DRDER BY Statement

SELECT FIRST name,

FROM employees OPDER BY swary DESC ;

Expected Ont	out . First-no	me last-non	ne/salary
	Emily	bouls	62 000
	mike	Johnson	60000
	Robert	Wilson	59 000



4. LIMIT statement

SELECT first-nome, last-nome, solary

FROM employees ORDER BY Solary DESC LIMIT 5;

Expected Outcome		First-nam.	ellost-none	Salar
		Emily	Douls	62000
		Mike	Tourson	6000
		Robert	wilson /	5900
		John /	Doe !	22.00
	۴	Sarah	Brown	53 000

5. WHERE studement

SELECT first-name, last-name, department

FROM employees WHERE department = (1T);

Experted ontcome of 18st-name lost-name department

6. AND statement

SELECT first-name, tost-name, last-name, department, salary

From employees



WHERE	depar	ment	= 1	trance
AMD So	early =	580	, coo	= Irance

Expected outcome.	First-name	lost-nume	department	Lalary
	mike /	jourson /	Finance /	60 wo

7. OR Statement

SELECT FIRST-name, last-name, department

WHERE department = "HR" OR department = (Mosteling)

Expected outcome: First-name/lost-name department)

Jane Smith HR

Jessica Moore HR

David White marketing

8. NOT statement

SELECT first-nume, lost-nume, department

FROM employees where plot deportment = 'IT';

Expected Ontone: First-name last-name department

Jone Smith HR

Mike Johnson Finance



9. 11 statement	b				
SELECT FIRE	st-noney				
1026	-name,				
رمونال	-name, Ament				
FROM employe	es				
FROM employed	rent IM (CH	R', (IT', F	insocc),		
Expured outcom	ne . First - no	nellage-no	re/ depayer	nent/	
1		-/		\rightarrow	
	Journ	/ Doe	117		
	Jane	Smith	HR		
	potare	wilson	Finance		
		WHISON	17.		
	nike	Joursen	Finance	1	
10. Combining a	onditions				
J					
SELECT FIX	of-name,				
	t-name,				
	exement,				
مأدي					
(' h)	1				
-005-(]				
FROM employed	×				
WHERE diport	nent = 1 IT	,			
AMD salary					
AMD CLAY =1					
711.50	11200 /00/			Let U.	
Expected outcome	Trink-non	e last-name	Hemment	Salary	lin
Erpoor	lou n	Doe	117	55 000	No. York
	1000	1000	1		13 W DIX