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1. Create tables EMP and DEPT with all the constraints as discussed in class. Insert few rows in both the tables. Then, write select queries to display records from the tables as asked in the following questions.

a. Display all employee details from EMP table.

The screenshot shows the Oracle Database Express Edition interface. The SQL command window contains the query: `select * from empit07;`. The results are displayed in a table with 7 rows and 10 columns: ENO, ENAME, EADDR, EGRADE, ESAL, EDESIG, EDOB, EDOJ, EDEPTID. The data is as follows:

ENO	ENAME	EADDR	EGRADE	ESAL	EDESIG	EDOB	EDOJ	EDEPTID
101	Suvam	KOLKATA	-	-	-	-	-	10
102	Subhram	Assam	D	10000	-	-	-	10
103	Suman	Kolkata	C	17000	Marketing	12-MAY-00	02-AUG-20	10
104	Priya	Assam	B	30000	Sales	02-JUL-00	04-MAY-20	20
105	Akash	Chennai	A	40000	Sales	02-MAY-00	07-MAY-20	20
106	Souvik	Delhi	D	14000	Marketing	05-JUL-00	07-APR-20	10
108	Kapil	Delhi	A	45000	Marketing	05-JUL-00	07-APR-20	20

7 rows returned in 0.00 seconds

b. Find employee details of those who are from Kolkata.

The screenshot shows the Oracle Database Express Edition interface. The SQL command window contains the query: `select * from empit07 where eaddr='Kolkata';`. The results are displayed in a table with 1 row and 10 columns: ENO, ENAME, EADDR, EGRADE, ESAL, EDESIG, EDOB, EDOJ, EDEPTID. The data is as follows:

ENO	ENAME	EADDR	EGRADE	ESAL	EDESIG	EDOB	EDOJ	EDEPTID
103	Suman	Kolkata	C	17000	Marketing	12-MAY-00	02-AUG-20	10

1 rows returned in 0.01 seconds

c. Find name, address, grade and salary of those who are from Chennai.

The screenshot shows the Oracle Database Express Edition interface. The SQL Command window contains the following query:

```
select ename,eaddr,egrade,esal from empit07 where eaddr='Chennai';
```

The results are displayed in a table with the following data:

ENAME	EADDR	EGRADE	ESAL
Akash	Chennai	A	40000

1 rows returned in 0.00 seconds

d. Find name, address, salary, grade, designation of those who are earning more than 25,000.

The screenshot shows the Oracle Database Express Edition interface. The SQL Command window contains the following query:

```
select ename,eaddr,egrade,esal,edesig from empit07 where esal>25000;
```

The results are displayed in a table with the following data:

ENAME	EADDR	EGRADE	ESAL	EDESIG
Priya	Assam	B	30000	Sales
Akash	Chennai	A	40000	Sales

2 rows returned in 0.00 seconds

e. Find name, address, salary, grade and DOB designation of those who are earning more than 25,000 and are from Chennai.

The screenshot shows the Oracle Database Express Edition web interface. The browser address bar displays the URL `127.0.0.1:8080/apex/f?p=4500:1003:3649060997847779::NO::`. The page title is "ORACLE Database Express Edition". The user is logged in as "SYSTEM". The "SQL Commands" tab is active, showing the following query:

```
select ename,eaddr,egrade,esal,edesig,edob from empit07 where esal>25000 and eaddr='Chennai';
```

The query has been executed, and the results are displayed in a table with the following columns: ENAME, EADDR, EGRADE, ESAL, EDESIG, and EDOB. One row is returned, showing the details for the employee named Akash.

ENAME	EADDR	EGRADE	ESAL	EDESIG	EDOB
Akash	Chennai	A	40000	Sales	02-MAY-00

1 rows returned in 0.02 seconds. A "CSV Export" link is available.

The footer of the page indicates the application version is "Express 2.1.0.00.39" and the copyright is "Copyright © 1999, 2006, Oracle. All rights reserved." The system clock shows the time as 04:45 PM on 09-06-2021.