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Section: B

Class Test 06

Joining

1. Display the name of all the employees who work in BOSTON.
2. Display the name of all the employees who joined after their manager.
3. Display the name of all the employees and their respective manager. If an employee does not have a manager displays 'NONE'.
4. Display the name, hiredate and salary grades of each employee.
5. Write a query to display the name, department number, department name and department location for all employees.
6. Two tables loan and borrower are given below.

Table: loan

loan_number	branch_name	amount
L-170	Downtown	3000
L-230	Redwood	4000
L-260	Perryridge	1700

Table: borrower

customer_name	loan_number
Jones	L-170
Smith	L-230
Hayes	L-155

Accomplish left outer join, right outer join and full outer join on the given tables.

7. Cross join the columns ename and grade from emp and salgrade table.
8. Display ename and dname of only those employees who work at accounting department using natural join.
9. Display the employee name their department name and location of department who does not work at department 20 through the usage of using clause
10. Display ename, dname and sal using on clause.

****After solving the above questions using Oracle 10g, write the SQLs in a text document (the name of the text document MUST be your ID) and upload it in the provided link in your VUES account**

1)

```
SELECT emp.ename from emp,dept where emp.deptno=dept.deptno and dept.loc='BOSTON';
```

2)

```
SELECT e.ename
from emp e,emp m
where m.empno=e.mgr and e.hiredate>m.hiredate;
```

3)

```
SELECT worker.ename,manager.ename AS MANAGER
FROM emp worker, emp manager
WHERE worker.mgr = manager.empno(+);
```

4)

```
SELECT e.ename , s.grade
FROM emp e,salgrade s
WHERE e.sal
BETWEEN s.losal AND s.hisal;
```

5)

```
SELECT emp.ename,emp.deptno,dept.dname,dept.loc from emp,dept where
emp.deptno=dept.deptno;
```

6)

```
SELECT branch_name,b.loan_number,customer_name from loan
Left outer join borrower b
On (loan.loan_number=b.loan_number);
```

```
SELECT branch_name,b.loan_number,customer_name from borrower b right outer join loan l
On (l.loan_number=b.loan_number);
```

```
SELECT branch_name,b.loan_number,customer_name from borrower b full outer join loan l
On (l.loan_number=b.loan_number);
```

7)

```
SELECT ename,grade  
from emp  
Cross join salgrade;
```

8)

```
SELECT ename,dname from emp  
natural join dept  
where deptno in ('10');
```

9)

```
SELECT ename,dname,loc  
from emp join dept  
using (DEPTNO)  
where DEPTNO<>'20';
```

10)

```
SELECT ename,dname,sal from emp e  
join dept d  
on (e.deptno=d.deptno);
```