

ANSWER 1:

```
SELECT HR.employees.employee_id, HR.employees.first_name ,HR.departments.department_name
FROM HR.employees
INNER JOIN HR.departments ON HR.employees.manager_id = HR.departments.manager_id;
```

	EMPLOYEE_ID	FIRST_NAME	DEPARTMENT_NAME
1	101	Neena	Executive
2	102	Lex	Executive
3	104	Bruce	IT
4	105	David	IT
5	106	Valli	IT
6	107	Diana	IT
7	109	Daniel	Finance

ANSWER 2:

```
SELECT EMP.employee_id,
       MAN.employee_id
FROM HR.employees EMP
JOIN HR.employees MAN ON EMP.manager_id = MAN.employee_id;
```

	EMPLOYEE_ID	EMPLOYEE_ID_1
1	101	100
2	102	100
3	103	102
4	104	103
5	105	103

ANSWER 3:

```
SELECT SUBSTR(phone_number,1,3) Operator,  
       COUNT(*) Total  
FROM HR.employees  
GROUP BY SUBSTR(phone_number,1,3);
```

	OPERATOR	TOTAL
1	515	21
2	650	45
3	603	1
4	590	5
5	011	35

```
3) SELECT  
    CASE  
        WHEN SUBSTR(PHONE_NUMBER,1,3) = '515' THEN 'Op. 515'  
        WHEN SUBSTR(PHONE_NUMBER,1,3) = '650' THEN 'Op. 650'  
        WHEN SUBSTR(PHONE_NUMBER,1,3) = '603' THEN 'Op. 603'  
        WHEN SUBSTR(PHONE_NUMBER,1,3) = '590' THEN 'Op. 590'  
        WHEN SUBSTR(PHONE_NUMBER,1,3) = '011' THEN 'Op. 011'  
    END Operator,  
    COUNT(*) "Total"  
FROM  
    HR.EMPLOYEES  
GROUP BY  
    CASE  
        WHEN SUBSTR(PHONE_NUMBER,1,3) = '515' THEN 'Op. 515'  
        WHEN SUBSTR(PHONE_NUMBER,1,3) = '650' THEN 'Op. 650'  
        WHEN SUBSTR(PHONE_NUMBER,1,3) = '603' THEN 'Op. 603'  
        WHEN SUBSTR(PHONE_NUMBER,1,3) = '590' THEN 'Op. 590'  
        WHEN SUBSTR(PHONE_NUMBER,1,3) = '011' THEN 'Op. 011'  
    END;  
END;
```

	OPERATOR	Total
1	Op. 603	1
2	Op. 515	21
3	Op. 650	45
4	Op. 011	35
5	Op. 590	5

ANSWER 4:

```

CREATE TABLE HR.emp (
  employee_id NUMBER(10),
  first_name VARCHAR2(25),
  last_name VARCHAR2(25),
  email VARCHAR2(25),
  phone_number VARCHAR2(25),
  hire_date date,
  job_id VARCHAR2(10),
  salary number(10,2),
  commision_pct number(3,2),
  manager_id number(10),
  department_id number(10)
);

INSERT INTO HR.emp (employee_id,first_name,last_name,
  email,phone_number,hire_date,job_id,salary,commision_pct,manager_id,department_id)
SELECT employee_id,first_name,last_name,
  email,phone_number,hire_date,job_id,salary,commission_pct,manager_id,department_id
FROM HR.employees
WHERE HR.employees.employee_id > 200;

UPDATE HR.emp
SET phone_number = '535.353.553', salary = 5353
WHERE employee_id = 205;

DELETE FROM HR.emp
WHERE employee_id = 205;

drop table HR.emp;

```

5	205	Shelley	Higgins	SHIGGINS	515.123.8080	07/06/2002	AC_MGR	12008		101	110
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5	205	Shelley	Higgins	SHIGGINS	535.353.553	07/06/2002	AC_MGR	5353		101	110
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	EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
1	201	Michael	Hartstein	MHARTSTE	515.123.5555	17/02/2004	MK_MAN	13000		100	20
2	202	Pat	Fay	PFAY	603.123.6666	17/08/2005	MK_REP	6000		201	20
3	203	Susan	Mavris	SMAVRIS	515.123.7777	07/06/2002	HR_REP	6500		101	40
4	204	Hermann	Baer	HBAER	515.123.8888	07/06/2002	PR_REP	10000		101	70

ANSWER 5:

```
3 CREATE TABLE HR.emp (  
    employee_id NUMBER(10),  
    customer_name VARCHAR2(40)  
);  
  
3 INSERT INTO HR.emp (employee_id,customer_name)  
SELECT employee_id,first_name || ' ' || last_name AS CUSTOMERNAME  
FROM HR.employees  
WHERE HR.employees.employee_id > 200;  
  
3 SELECT  
    UPPER(INITCAP(SUBSTR(customer_name, 1, 2))  
    || RPAD('*', INSTR(customer_name, ' ', 1, 1) - 3, '*'))  
    || ' '  
    || INITCAP(SUBSTR(customer_name, INSTR(customer_name, ' ', 1, 1) + 1, 2))  
    || RPAD('*', LENGTH(customer_name) - INSTR(customer_name, ' ', 1, 1) - 2, '*')) AS CUSTOMERNAME  
FROM HR.emp;
```

	CUSTOMERNAME
1	MI***** HA*****
2	PA* FA*
3	SU*** MA*****
4	HE***** BA**
5	SH***** HI*****
6	WI***** GI***
7	

-AHMET USTA