

1)

```
CREATE TABLE my_employee (  
    id NUMBER(4) CONSTRAINT my_employee_id_nn NOT NULL,  
    last_name VARCHAR2(25),  
    first_name VARCHAR2(25),  
    userid VARCHAR2(8),  
    salary NUMBER(9,2)  
);
```

2) DESCRIBE my\_employee;

3) INSERT INTO my\_employee VALUES (1, 'Patel', 'Ralph', 'rpatel', 895);

4, 5)

```
INSERT INTO my_employee (id, last_name, first_name, userid, salary)  
VALUES (2, 'Dancs', 'Betty', 'bdancs', 860);
```

6, 7, 8, 9)

```
INSERT INTO my_employee()  
VALUES  
    (1, "Patel", "Ralph", "rpatel", 895),  
    (2, "Dancs", "Betty", "bdancs", 860),  
    (3, "Biri", "Ben", "bbiri", 1100),  
    (4, "Newman", "Chad", "cnewman", 750);
```

10) UPDATE my\_employee SET last\_name = 'Drexler' WHERE id = 3;

11, 12) UPDATE my\_employee SET salary = 1000 WHERE salary < 900;

13, 14)

```
DELETE FROM my_employee  
WHERE last_name = "Dancs" AND first_name = "Betty";
```

15) COMMIT;

16, 17)

```
INSERT INTO my_employee()  
VALUES (5, "Ropeburn", "Audrey", "aropebur", 1550);
```

18) SAVEPOINT insert;

19, 20)

```
DELETE FROM MY_EMPLOYEE;
```

21, 22) ROLLBACK TO insert;

23) COMMIT;

=====

1)

```
ALTER TABLE emp
    ADD CONSTRAINT my_emp_id_pk PRIMARY KEY (id);
```

2)

```
ALTER TABLE dept
    ADD CONSTRAINT my_dept_id_pk PRIMARY KEY(id);
```

3)

```
ALTER TABLE emp
    ADD (dept_id NUMBER(7));
```

```
ALTER TABLE emp
    ADD CONSTRAINT my_emp_dept_id_fk
    FOREIGN KEY (dept_id) REFERENCES dept(id);
```

4)

```
SELECT constraint_name, constraint_type
    FROM user_constraints
    WHERE table_name IN ('EMP', 'DEPT');
```

5)

```
SELECT object_name, object_type
    FROM user_objects
    WHERE object_name LIKE 'EMP%' OR object_name LIKE 'DEPT%';
```

6)

ALTER TABLE EMP

ADD commission NUMBER(2,2)

CONSTRAINT my\_emp\_comm\_ck CHECK commission >= 0;