

1.

```
CREATE TABLE top_dogs(  
  name VARCHAR2(80),  
  salary NUMBER(10)  
);
```

2.

```
CREATE TABLE top_dogs(  
  name VARCHAR2(80),  
  salary NUMBER(10)  
);
```

```
DEFINE p_n = 5
```

```
DECLARE
```

```
  p_n NUMBER(8) := &p_n;
```

```
  v_salary number(10);
```

```
  v_name VARCHAR2(80);
```

```
BEGIN
```

```
  WHILE p_n > 0
```

```
  LOOP
```

```
    SELECT MAX(salary) INTO v_salary FROM employee WHERE salary NOT IN (SELECT salary FROM top_dogs);
```

```
    SELECT MAX(ename) INTO v_name FROM employee WHERE salary = v_salary;
```

```
    IF v_salary IS NOT NULL THEN
```

```
      INSERT INTO top_dogs VALUES(v_name, v_salary);
```

```
    END IF;
```

```
    p_n := p_n - 1;
```

```
  END LOOP;
```

```
  COMMIT;
```

```
END;
```

```
SELECT name, salary FROM top_dogs;
```

```
DELETE FROM top_dogs;
```

3.

```
ALTER TABLE employee RENAME COLUMN ename TO last_name;
```

```
ALTER TABLE employee RENAME COLUMN sal TO salary;
```

```
ALTER TABLE employee RENAME COLUMN mgr TO manager;
```

```
DEFINE p_deptno = 20
```

```
DECLARE
```

```
CURSOR emp_cursor IS SELECT manager, last_name, salary FROM employee where deptno = &p_deptno;
```

```
v_salary emp.salary%type;
```

```
v_manager emp.manager%type;
```

```
v_last_name emp.last_name%type;
```

```
BEGIN
```

```
OPEN emp_cursor;
```

```
LOOP
```

```
FETCH emp_cursor INTO v_manager,v_last_name,v_salary;
IF v_salary < 5000 THEN
  IF v_manager in (101,124)
    THEN
      DBMS_OUTPUT.PUT_LINE(v_last_name||' Due for a raise');
    ELSE
      DBMS_OUTPUT.PUT_LINE(v_last_name||' Not Due for a raise');
    END IF;
  ELSE
    DBMS_OUTPUT.PUT_LINE(v_last_name||' Not Due for a raise');
  END IF;
  EXIT WHEN emp_cursor%NOTFOUND;
END LOOP;
CLOSE emp_cursor;
END;
```