3-2: Retrieving Data in PL/SQL

Try It / Solve It

1.

Statement	Valid in PL/SQL	Not Valid in PL/SQL
ALTER USER SET password = 'oracle';		X
CREATE TABLE test (a NUMBER);		X
DROP TABLE test;		X
SELECT emp_id INTO v_id FROM employees;	X	
GRANT SELECT ON employees TO PUBLIC;		X
INSERT INTO grocery_items (product_id, brand, description) VALUES (199, 'Coke', 'Soda');	X	
REVOKE UPDATE ON employees FROM PUBLIC;		X
ALTER TABLE employees RENAME COLUMN employee_id TO emp_id;		X
DELETE FROM grocery_items WHERE description = 'Soap';	X	

2.
```
DECLARE
v_max_depno departments.department_id%TYPE;
BEGIN
SELECT MAX(DEPARTMENT_ID) INTO v_max_depno  from departments;
DBMS_OUTPUT.PUT_LINE(v_max_depno);
END;
```

3.
```
DECLARE
v_country_name countries.country_name%TYPE := 'Federative Republic of Brazil';
v_lowest_elevation countries.lowest_elevation%TYPE;
v_highest_elevation countries.highest_elevation%TYPE;
BEGIN
SELECT min(lowest_elevation), max(highest_elevation ) INTO v_lowest_elevation, v_highest_elevation
FROM countries
WHERE country_name=v_country_name;
DBMS_OUTPUT.PUT_LINE('The lowest elevation in ' || v_country_name || ' is ' || v_lowest_elevation
|| ' and the highest elevation is ' || v_highest_elevation || '.');
END;
```

4.

A.
```
DECLARE
v_emp_lname employees.last_name%TYPE; v_emp_salary employees.salary%TYPE;
BEGIN
SELECT last_name, salary INTO v_emp_lname, v_emp_salary
FROM employees
WHERE job_id = 'IT_PROG';
 DBMS_OUTPUT.PUT_LINE(v_emp_lname || ' ' || v_emp_salary);
END;
```

—pentru ca mai multi angajati au acelasi id

B.
```
DECLARE
v_emp_lname employees.last_name%TYPE; v_emp_salary employees.salary%TYPE;
BEGIN
SELECT last_name, salary INTO v_emp_lname, v_emp_salary
FROM employees
WHERE job_id = 'IT_PRAG';
DBMS_OUTPUT.PUT_LINE(v_emp_lname || ' ' || v_emp_salary);
END;
```

—pentru ca IT_PRAG nu exista

5. Jennifer va fi first_name pentru toti angajati

A. CREATE TABLE emp_dup as

   (SELECT * FROM employees)

B. SELECT last_name,first_name

   FROM emp_dup

C.

D.

SELECT last_name,first_name

   FROM emp_dup

E. DROP TABLE emp_dup

F.
```
   DECLARE
   v_last_name VARCHAR2(25) := 'Fay';
   BEGIN
   UPDATE emp_dup
   SET first_name = 'Jennifer'
   WHERE last_name = v_last_name;  END;
```

6.
Da
CREATE TABLE test (id number(7) ,test varchar2(10))
INSERT INTO test values (7,'ANA');

7.
Nu
 DECLARE
test varchar(10):='ANA';
BEGIN
UPDATE test
Set id=5;
Where test=test;
End;