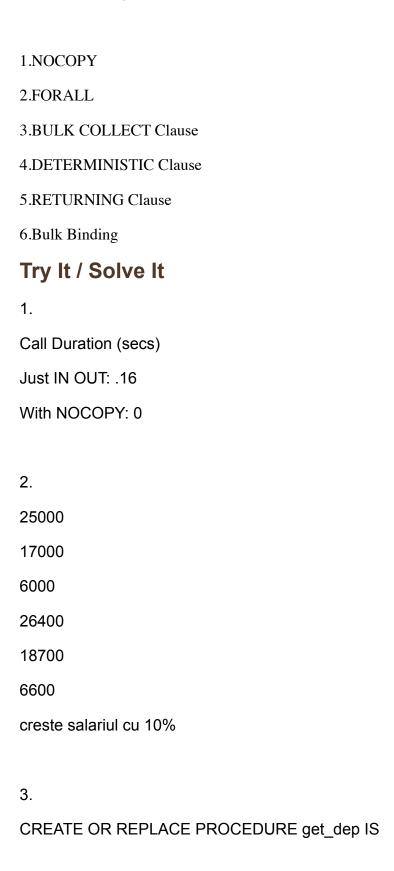
## 12-2: Improving PL/SQL Performance

## Vocabulary



```
TYPE t dep IS TABLE OF departments%ROWTYPE INDEX BY BINARY INTEGER;
v deptab t dep;
BEGIN
SELECT* BULK COLLECT INTO v_deptab FROM departments;
FOR i IN v deptab.FIRST..v deptab.LAST LOOP
IF v deptab.EXISTS(i) THEN
DBMS_OUTPUT.PUT_LINE(v_deptab(i).location_id);
END IF;
END LOOP;
END get_dep;
4.
CREATE OR REPLACE PROCEDURE delete_row IS
TYPE emp temp IS TABLE OF employees%ROWTYPE INDEX BY BINARY INTEGER;
v emptab emp temp;
BEGIN
SELECT* BULK COLLECT INTO v_emptab FROM employees;
FOR i IN v emptab.FIRST..v emptab.LAST LOOP
DELETE FROM emp_temp
WHERE DEPARTMENT ID=20
RETURNING department_id INTO emp_temp;
END LOOP;
END delete_row;
```