Tema 6

CREATE TABLE info\_233aa (

utilizator VARCHAR2(50),

data DATE DEFAULT SYSDATE,

comanda VARCHAR2(200),

nr\_linii NUMBER(5),

eroare VARCHAR2(4000)

);

CREATE OR REPLACE FUNCTION f2\_233aa (v\_nume employees.last\_name%TYPE DEFAULT 'Bell')

RETURN NUMBER

IS

salariu employees.salary%TYPE;

BEGIN

SELECT salary INTO salariu

FROM employees

WHERE last\_name = v\_nume;

INSERT INTO info\_233aa (utilizator, data, comanda, nr\_linii, eroare)

VALUES (v\_nume, SYSDATE, 'Un singur angajat gasit', 1, NULL);

RETURN salariu;

EXCEPTION

WHEN NO\_DATA\_FOUND THEN

INSERT INTO info\_233aa (utilizator, data, comanda, nr\_linii, eroare)

VALUES (v\_nume, SYSDATE, 'Niciun angajat gasit', 0, 'Nu exista angajati cu numele dat');

RAISE\_APPLICATION\_ERROR(-20000, 'Nu exista angajati cu numele dat');

WHEN TOO\_MANY\_ROWS THEN

INSERT INTO info\_233aa (utilizator, data, comanda, nr\_linii, eroare)

VALUES (v\_nume, SYSDATE, 'Mai multi angajati gasiti', NULL, 'Exista mai multi angajati cu numele dat');

RAISE\_APPLICATION\_ERROR(-20001, 'Exista mai multi angajati cu numele dat');

WHEN OTHERS THEN

INSERT INTO info\_233aa (utilizator, data, comanda, nr\_linii, eroare)

VALUES (v\_nume, SYSDATE, 'Eroare neprevazuta', NULL, 'Eroare neprevazuta');

RAISE\_APPLICATION\_ERROR(-20002, 'A aparut o eroare neprevazuta');

END f2\_233aa;

/

BEGIN DBMS\_OUTPUT.PUT\_LINE('Salariul este '|| f2\_233aa);

END;

/

BEGIN DBMS\_OUTPUT.PUT\_LINE('Salariul este '|| f2\_233aa('King'));

END;

/

CREATE OR REPLACE PROCEDURE p4\_233aa (v\_nume IN employees.last\_name%TYPE, salariu OUT employees.salary%type) IS

BEGIN

SELECT salary INTO salariu

FROM employees

WHERE last\_name = v\_nume;

INSERT INTO info\_233aa (utilizator, data, comanda, nr\_linii, eroare)

VALUES (v\_nume, SYSDATE, 'Un singur angajat gasit', 1, NULL);

EXCEPTION

WHEN NO\_DATA\_FOUND THEN

INSERT INTO info\_233aa (utilizator, data, comanda, nr\_linii, eroare)

VALUES (v\_nume, SYSDATE, 'Niciun angajat gasit', 0, 'Nu exista angajati cu numele dat');

RAISE\_APPLICATION\_ERROR(-20000, 'Nu exista angajati cu numele dat');

WHEN TOO\_MANY\_ROWS THEN

INSERT INTO info\_233aa (utilizator, data, comanda, nr\_linii, eroare)

VALUES (v\_nume, SYSDATE, 'Mai multi angajati gasiti', NULL, 'Exista mai multi angajati cu numele dat');

RAISE\_APPLICATION\_ERROR(-20001, 'Exista mai multi angajati cu numele dat');

WHEN OTHERS THEN

INSERT INTO info\_233aa (utilizator, data, comanda, nr\_linii, eroare)

VALUES (v\_nume, SYSDATE, 'Eroare neprevazuta', NULL, 'Eroare neprevazuta');

RAISE\_APPLICATION\_ERROR(-20002, 'A aparut o eroare neprevazuta');

END p4\_233aa;

/

DECLARE v\_salariu employees.salary%type;

BEGIN

p4\_233aa('Bell',v\_salariu);

DBMS\_OUTPUT.PUT\_LINE('Salariul este '|| v\_salariu);

END;

/

