

# Lab 05

```
--1
CREATE OR REPLACE FUNCTION GetManager(p_abteilung departments.department_id%TYPE)
RETURN VARCHAR2
AS
    v_lastName employees.last_name%TYPE;
    v_firstName employees.first_name%TYPE;
BEGIN
    SELECT first_name, last_name INTO v_firstName, v_lastName
    FROM departments INNER JOIN employees
        ON departments.manager_id = employees.employee_id
    WHERE departments.department_id like p_abteilung;
    RETURN v_firstName || ' ' || v_lastName;
END;
/
```

	GETMANAGER(20)
1	Michael Hartstein

```
--2
CREATE OR REPLACE FUNCTION GetJobs(p_mitarbeiterNr employees.employee_id%TYPE)
RETURN INT
AS
    v_count INT;
BEGIN
    SELECT COUNT(job_history.job_id) INTO v_count
    FROM employees INNER JOIN job_history
        ON job_history.employee_id = employees.employee_id
    WHERE employees.employee_id like p_mitarbeiterNr;
    RETURN v_count;
END;
/
```

	GETJOBS(176)
1	2

```
--3
CREATE OR REPLACE PROCEDURE Gehaltserhoehung (p_erhoehung DECIMAL, p_mitarbeiterID employees.employee_id%TYPE)
AS
BEGIN
    UPDATE employees
    SET employees.salary = employees.salary + p_erhoehung
    WHERE employees.employee_id like p_mitarbeiterID;
END;
/

DECLARE
    v_mitarbeiterID employees.employee_id%TYPE := 120;
    v_gehalt employees.salary%TYPE;

BEGIN
    SELECT salary INTO v_gehalt
    FROM employees
    WHERE employee_id like v_mitarbeiterid;
    DBMS_OUTPUT.put_line(v_gehalt);

    Gehaltserhoehung(100, v_mitarbeiterid);

    SELECT salary INTO v_gehalt
    FROM employees
    WHERE employee_id like v_mitarbeiterid;
    DBMS_OUTPUT.put_line(v_gehalt);
END;
/
```

```
8000
8100
```

```
--4
CREATE OR REPLACE FUNCTION Lsubstr(p_eingabe varchar2, p_splitchar char)
RETURN VARCHAR2
AS
BEGIN
    RETURN SUBSTR(p_eingabe, 0, INSTR(p_eingabe, p_splitchar)-1);
END;
/

SELECT phone_number, Lsubstr(phone_number, '.')
FROM employees
WHERE employee_id LIKE 101;
```

PHONE_NUMBER	LSUBSTR(PHONE_NUMBER, '.')
1 515.123.4568	515