2. . R. = (employee N Works, employee. ID = works, employee. ID) Memployee. ID, employee, person_name (Sworks, company_name + "ByBand" (R1)) $R_1 \leftarrow (employee \times 150 \text{ works})$ $employee \cdot 12 - works, employee - 12)$ Memplagee. ID, employee. person_name = (gmin (works, salary) (works) (R)) 3. Consider the tables: instructor (ID, name, dept-name, salary) department (dept_name, building, budget)
where there is a constraint of primary - foreign keys (in department, dept-name" is primary, in instructor is foreign) For insert Sidation: If we try to insert data ento enstructor with ID, name, "Kamila" salary. However there is no such dept name, Kamila"in department table. We get Siolation of primary-foreign key Siolation. For delete Sichastion: We have dept-name, Kamilo in bash enstructor table and department table. If we furstly try to delete flushed is primary delete flushed we get violation sence it is foreign key in instruction

4. Consider the table: employee (ID, person- name, street, c.fy) ID-primary key column. in table works (employee_IL), company-name solar the pumary key is compound key of (employee_ID), pair company-name) in table company (company-name, city) the primary key is company-name.