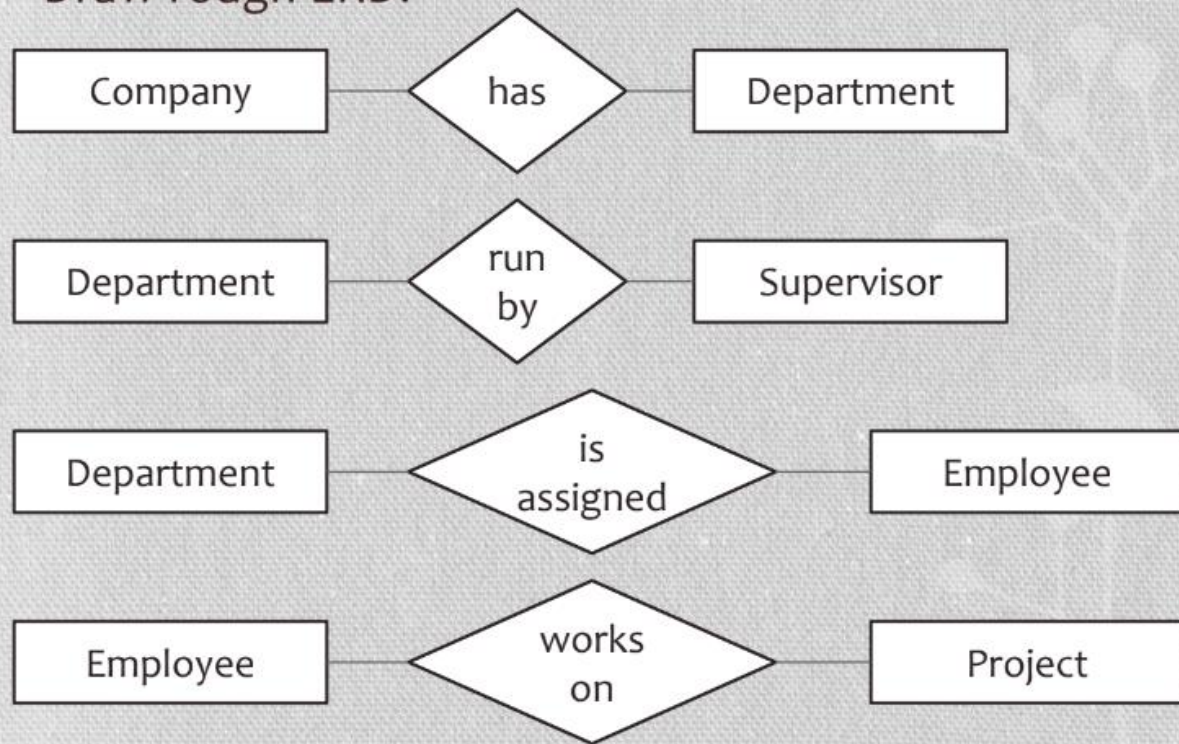


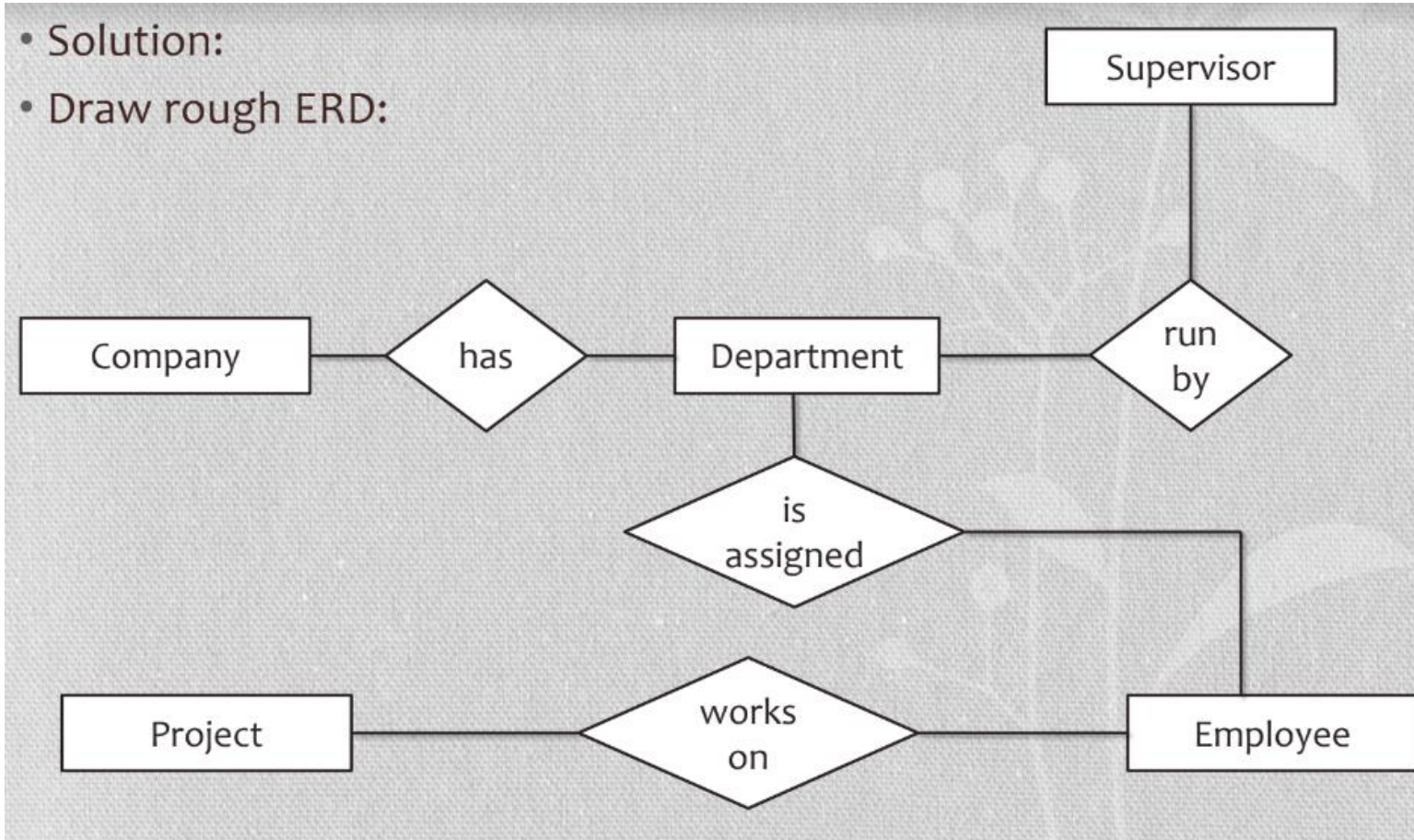
- A company has several departments. Each department has a supervisor and at least one employee. Employees must be assigned to at least one but possibly more departments. At least one employee is assigned to a project, but an employee may be on vacation and not assigned to any projects. The important data fields are names of departments, projects, supervisors and employees, as well as the supervisor and employee number and a unique project no.

- Solution:
- Draw rough ERD:



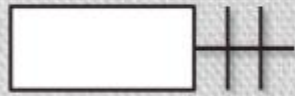


- Solution:
- Draw rough ERD:

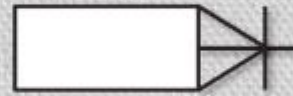


- Solution:

- Fill cardinality:



*One and only one*



*One or more*



*Zero or more*



*Zero or one*

- Solution:
- Fill cardinality:

