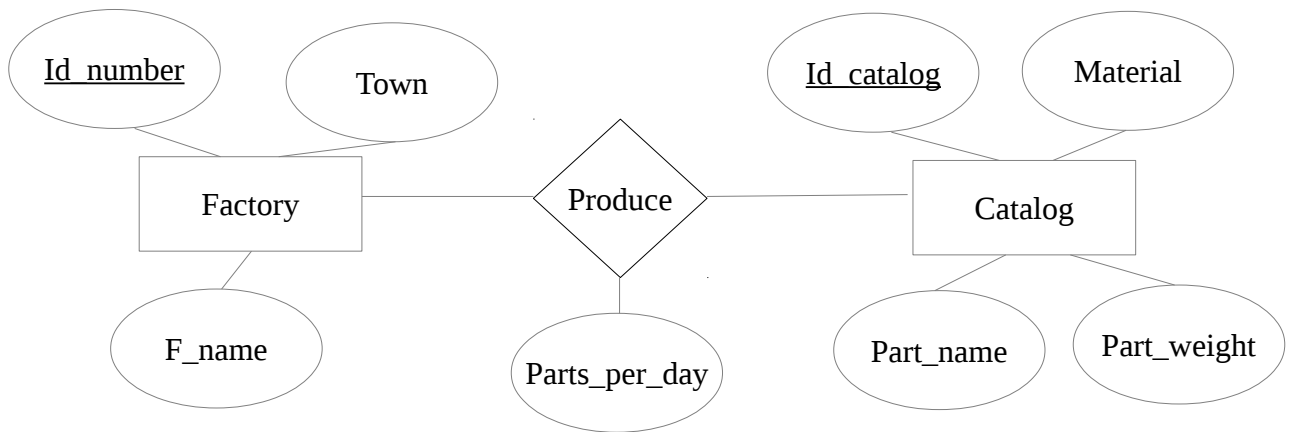1. The database is represented by it's E-R model:

    a. Write relation schema of this database (1 point)
    b. Write SQL query, that will print names of all products from catalog (Part_name) that are made from Steel (Material) and are produced in factory from Town Praha (2 point)
    c. Rewrite query from b) into relation algebra (1 points)
    d. Write SQL query that will print names of all products from catalog (Part_name) that are that are produced in total weight (sum of parts_per_day * Part_weight from all factories in database) bigger than 1000 kg. (3 points)