-- *Names of customers, who did not reserve any room from year 2015*
(Customer[name])
/
((Reservation(day > '20151231')
[customer = customer_number]
Customer)[name])

-- *Customer numbers of all customers who were recommended by mr. Ovcacek*
(Customer(name = 'Kalousek')
*
Recommendation<from -> customer_number>)[to]

-- *Customer number of customers who had reservation for every room in hotel "Eekhoorn"*
(Reservation(hotel = 'Eekhoorn')
÷
Room(hotel = 'Eekhoorn')[id]<id -> room_id>)
[customer]

-- *Name of every cleaner in our company, who is ONLY employed as a cleaner (careful for overlapping) {*R stands for right outer join}*
((Lady_companion
*R
Cleaner)(Orientation = 'null')
*
Employee)[name]

-- *Information about every room in hotel "Eekhoorn" including address {x stands for cartesian product}*
(Hotel(name = "Eekhoorn")[address]
x
Room(hotel = "Eekhoorn"))
[address, price, room_type]