Departments: R(id, name), F = {id → name}

City: R(id, name, provinceId), F = {id → name, provinceId; provinceId,name → id}

Employee: R(id, firstName, lastName, departmentId, role, insurancePlan, preferedService, managerId, location), F = {id → firstName,LastName,departmentId,role,insurancePlan,preferedService,managerId; departmentId,location → managerId; managerId → departmentId,location}

split Employee into 3NF:

FD departmentId,location → managerId

R1 = (departmentId, location, managerId), F1 = {managerId → departmentId,location; departmentId,location → managerId}

R2 = (id, firstName, lastName, departmentId, role, insurancePlan, preferedService, location), F2 = {id → R2}

LineOfBusiness: R(typeName, TAMid), F = {typeName → TAMid; TAMid → typeName}

Company: R(id, companyName, contactFirstName, contactLastName, contactEmail, contactNumber, addressId), F = {id → companyName,contactFirstName,contactLastName,contactEmail,contactNumber,addressId}

Contracts: R(id, companyId, initialAmount, ACV, typeOfService, typeOfContract, startDate, state, satisfaction, lineOfBusiness), F = {id → companyId,initialAmount,ACV,typeOfsService,typeOfContract,startDate,state,satisfaction,lineOfBusiness}

WorksOn: R(employeeId, contractId, task, hours), F = {employeeId, contractId → task,hours}