Jonathan Nicolosi

Assignment 3

1. $\Pi Fish.CommonName, FoodTypes.Name((Fish \bowtie Fish.FishId = FishDiet.FishFishDiet)$
2. ΠFish.CommonName,Fish.ScientificName(σTankInstance.TankSize=60((Fish⋈Fish.FishId=FishInstance.FishTypeFishInstance) ⋈FishInstance.TankInstance=TankInstance.TankInstanceIdTankInstance))
3. ΠFoodTypes.Name(σTankInstance.TankInstanceId=44(((FoodTypes⋈FoodTypes.FoodId=FishDiet.FoodFishDiet)⋈FishDiet.Fish=Fish.FishIdFish)⋈Fish.FishId=FishInstance.FishTypeFishInstance))
4. ΠFishInstance.FishInstanceId(σFish.TankType!=TankInstance.TankType(((FishInstance⋈FishInstance.TankInstance=TankInstance.TankInstanceIdTankInstance)⋈TankInstance.TankType=TankTypes.TankIdTankTypes)⋈TankTypes.TankId=Fish.TankTypeFish))
5. ΠPlayer.id,Team.name,City.name(σPlayer.score=200((Player⋈Player.team_id=Team.idTeam)⋈Team.city_id=City.idCity))