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Exercise 2 1. For this assignment, FDs that make sense are
   id → name phone_number
   license_plate_number→id(of owner) make_and_model capacity
   date direction license_plate_number → time
   (For a passenger) id date direction → license_plate_number

2. Every relation except Trip is in BCNF. Trip is not in BCNF because date direction license_plate_number is not a superkey for Trip.

3. The schema doesn't capture constraints around people or cars having a trip to and a trip from work each day or the ordering of the trips.

Exercise 3 I'm deciding to make no changes to schema and therefore not putting the schema into BCNF. I'm doing this because breaking BCNF will allow joins on Trip and Person without requiring you to also join on Car.