

SUPPLEMENTARY DEFINITIONS

DATABASE USED IN QUESTIONS 2-7

The following is a relational database used in Questions 2-7.

The database is used by the Baltimore City Parking Office. It contains basic information about city residents (PERSON) and all makes/models of cars (CAR). It also has a relation indicating ownership of a car (OWNS) and parking tickets issued to a car (TICKET). Primary keys are underlined in the table. Please note that *make* refers to the manufacturer of the vehicle (e.g. Honda, Toyota), while *model* refers to the series of cars from that manufacturer (e.g. Accord, Prius).

- LNO = A car's License plate number
- SSN = The car owner's SSN
(assume a car has exactly 1 owner, and every person owns 1 or more cars).
- TNO = The number of the parking ticket (unique)

PERSON	<u>SSN</u>	Name	Phone	HomeZip
	481-63-1127	Aaron Smith	410-516-5372	21209
	366-44-1314	Ballard Smith	410-764-1447	21209
	908-18-3351	John Giddens	410-298-0476	21228

CAR	<u>LNO</u>	Color	Make	Model	Year
	QRD461	Red	Honda	Accord	2011
	RCM298	Red	Porsche	911	2003
	ILUVYU	Black	Porsche	911	1961
	ILUVME	White	Porsche	928	1973
	YCN921	Green	Honda	Civic	2009

OWNS	<u>SSN</u>	<u>LNO</u>
	481-63-1127	QRD461
	366-44-1314	RCM298
	366-44-1314	ILUVYU
	481-63-1127	ILUVME
	908-18-3351	YCN921

TICKET	<u>TNO</u>	LNO	Date	TicketIssuedZip
	330211	QRD461	10-27-2011	21218
	339147	QRD461	10-26-2011	21218