Homework 3
Data Normalization

- The Public Safety office at Millennium College maintains a list of parking tickets issued to vehicles parked illegally on the campus.
  - Convert this table to a relation in first normal form by entering appropriate data in the table.
  - Draw a dependency diagram that shows all functional dependencies in the relation, based on the sample data shown.
  - Develop a set of relations in third normal form.
    - Include a new column with the heading Violation in the appropriate table to explain the reason for each ticket. Expected values in this new column are: expired parking meter (ticket code 1), no parking permit (ticket code 2), and handicap violation (ticket code 3).

TABLE 4-6 Parking Tickets at Millennium College

Parking Ticket Table

St ID	L Name	F Name	Phone No	St Lic	Lic No	Ticket #	Date	Code	Fine
38249	Brown	Thomas	111-7804	FL	BRY 123	15634	10/17/2018	2	$25
						16017	11/13/2018	1	$15
82453	Green	Sally	391-1689	AL	TRE 141	14987	10/05/2018	3	$100
						16293	11/18/2018	1	$15
						17892	12/13/2018	2	$25