Relational databases:

Assume that you run an oil company. The information that you have includes:

   customer id number
   customer name
  customer address(need easy access to street, city, state and zip)
  capacity of tank
  house type code
  for each house type code you need to carry the average summer, fall, spring and winter use
  delivery information for the year including
    the date of the delivery
    the number of gallons delivered
    the price per gallon for each delivery that is made

Note that the house type is a code to help determine the predicted usage. The system will have an average use for capes or ranches in the summer, fall etc. A customer is assigned that code to help predict the usage for that type of house.

Your assignment is to design the tables that you would need to develop to implement this database. Show me the tables, the fields/columns contained in each table and the designate the field or fields that would be used as the primary keys.

customer id number   also will be part of the delivery table key
customer name
customer address(need easy access to street, city, state and zip)
capacity of tank
house type code   this is also in red
for each house type code you need to carry the average summer, fall, spring and winter use
delivery information for the year including
    the date of the delivery
   the number of gallons delivered
   the price per gallon for each delivery that is made

The is a very basic system which means things like a
customer cannot have two houses etc since the custid is
the key to the cust table.
So...
First I have a customer table that includes information
about the customer and their tank including capacity of
tank and house type code (meaning 6rmcape,
10rmcolonial, 7rmranch etc.

Next I need to set up a table that tells the average delivery
for each of those house types . This table would have
house type code as its primary key and then it would have
avgum, avgfall, avgspr, avgwin. Note we are not yet using
the primary key in Oracle so this is just for information.

Now we are looking at deliveries. There is a one to many relationship
between customers and deliveries. One customer gets many deliveries. A
delivery goes to a specific customer.
So this table would have custid and date of delivery as the primary key
because no customer can get more than one oil delivery per day. It would
also include the price per gallon as of the date of delivery and the number of
gallons.

customer id number   also will be part of the delivery table key
customer name
customer address(need easy access to street, city, state and zip)
capacity of tank
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customer table
custid PK
custname
custstreet
custcity
custstate
custzip
tankcapacity
housetypecode

housetype table
housetypecode PK
avgsum
avgspr
avgfall
avgwin

delivery table
custid PK part 1
deldate P_K part 2
numgal
pricegal

Again, we have not dealt with setting up primary keys in Oracle so when
you create these tables you do not have to deal with the keys.