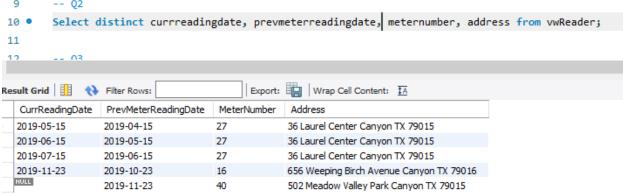
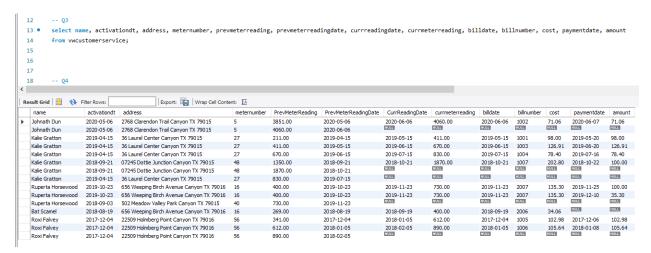
Project: Database Design and Implementation

```
Q1
      use FinalProject;
 1 •
 2
        -- Task 4
 3
        -- 01
        Select count(distinct name) as '# Customers with Balance > $0' from vwCustomerService
 5
        where balance >0;
 6 •
        Select distinct name, balance from vwCustomerService
 7
        where balance >0;
 8
                                       Export: Wrap Cell Content: TA
# Customers with Balance >
  2
        use FinalProject;
  1 •
         -- Task 4
  2
        -- Q1
  3
        Select count(distinct name) as '# Customers with Balance > $0' from vwCustomerService
        where balance >0;
  5
         Select distinct name, balance from vwCustomerService
  6 •
  7
        where balance >0;
  8
                                       Export: Wrap Cell Content: 1A
name
              Balance
  Kalie Gratton
              102.80
   Bat Scamel
              34.06
Q2 -Looked at previous readings too
       -- Q2
```



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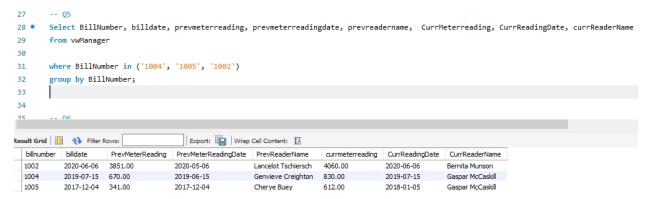
Q3



Q4

```
18
       -- Q4
 19 •
      Select count(MeterReadingID) from MeterReading
       join Employee CurrReader on MeterReading.currReederID = CurrReader.EmployeeID
       join Employee PrevReader on PrevReader.EmployeeID = MeterReading.PrevReederID
 21
 22
       (CurrReader.name = 'Genvieve Creighton' or PrevReader.Name = 'Genvieve Creighton')
 23
 24
    25
       and MeterReading.prevmeterReadingDate >='2019-05-01' and MeterReading.prevmeterReadingDate <='2019-12-30');
Export: Wrap Cell Content: IA
  count(MeterReadingID)
```

Q5



Project: Database Design and Implementation

```
35
       -- Q6
36 •
      Select name, sum(Consumption)
37
      from meterreading
38
      join bill on bill.meterreadingid = meterreading.meterreadingid
      join customercontractaddrassoc ccaa on ccaa.customercontractaddrassocid = meterreading.customercontractaddrassocid
39
40
      join customer on customer.customerid = ccaa.customerid
      where curreadingdate >=' 2019-05-01' and curreadingdate < '2019-12-30'
42
      group by name
      order by sum(consumption) desc limit 1;
43
Export: Wrap Cell Content: 🖽 | Fetch rows:
           sum(Consumption)
 Kalie Gratton 619.00
Q7
 47
          -- Q7
          Select avg(Consumption)
 48 •
          from meterreading
 49
          join bill on bill.meterreadingid = meterreading.meterreadingid
 50
          where currreadingdate >=' 2019-05-01' and currreadingdate <= '2019-12-30';
 51
 52
```

Export: Wrap Cell Content: IA

Q8

53

-- 08

avg(Consumption)

237.250000

salact name avalconsumntion)

2001

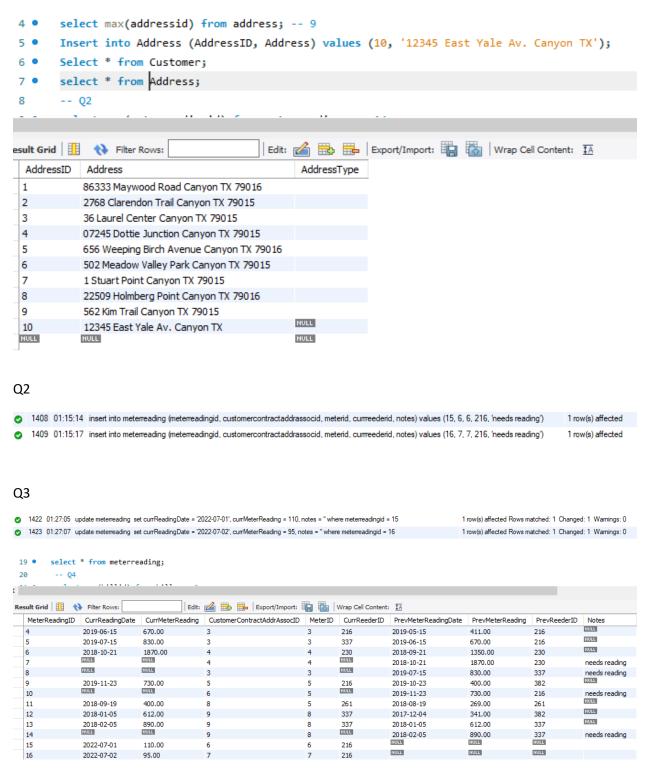
NULL

Tulley Reidshaw

Project: Database Design and Implementation

```
53
       -- 08
       select name, SUM(consumption)
54 •
       from meterreading
       join bill on bill.meterreadingid = meterreading.meterreadingid
56
       join customercontractaddrassoc ccaa on ccaa.customercontractaddrassocid = meterreading.customercontractaddrassocid
57
58
       join customer on customer.customerid = ccaa.customerid
       where curreadingdate >=' 2019-05-01' and curreadingdate < '2019-12-30'
59
       group by name
60
       having SUM(consumption) > 237.25 ;
61
63
                                   Export: Wrap Cell Content: 🔼
SUM(consumption)
  name
 Kalie Gratton
                619.00
 Ruperta Horsewood 330.00
4.2
Q1
         -- Task 4.2
  1
  2
         -- Q1
  3 •
         Insert into Customer (CustomerID, Name) values ('1111', 'John Doe');
         select max(addressid) from address; -- 9
  4 •
         Insert into Address (AddressID, Address) values (10, '12345 East Yale Av. Canyon TX');
  5 •
Result Grid
               Filter Rows:
                                               Edit: 🚄 🖶 🖶 Export/Import: 🏣 👸 | Wrap Cell Content: 🏗
   CustomerID
               Name
   47
               Melania Hailey
   113
               Johnath Dun
               Kalie Gratton
   454
   856
               Ruperta Horsewood
   1010
               Bat Scamel
   1111
               John Doe
               Roxi Falvey
   1125
```

Project: Database Design and Implementation



Q4

1444 01:45:53 insert into bill (billiol, billnumber, billdate, balance, consumption, cost, meterreadingid, customercontra... 2 row(s) affected Records: 2 Duplicates: 0 Warnings: 0

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