Nested queries

Query with scalar value

Problem: Get customers that is older that average customer age

```
select * from HomePro.Customers
  where age >
            (select avg(age) from HomePro.Customers)
```

Problem: Get customers that have quote bigger than average quote

```
select * from HomePro.Customers C
  join HomePro.Quotes q
            on c.CustomerId = q.CustomerId

where q.Estimation >
            (select avg(Estimation) from HomePro.Quotes)
```

Query with list of values

Problem: Get customers that have scheduled work

```
select * from HomePro.Customers
  where CustomerId in
          (select CustomerId from HomePro.Schedules)
```

Problem: Get customers that do NOT HAVE scheduled work

```
select * from HomePro.Customers
  where CustomerId not in
          (select CustomerId from HomePro.Schedules)
```

Query from sub-query

```
select * from
 (
 select c.CustomerId, C.FirstName, c.LastName, c.Age, s.DateNeeded
 from HomePro.Customers C
          join HomePro.Schedules s
                  on c.CustomerId = s.CustomerId
 ) a
```