

Homework 2 Solution

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Problem 1

```
select t1.*
  from customers t1 left join orders t2
    on t1.Id = t2.CustomerId
 where t2.CustomerId is null
```

Problem 2

```
select t1.metrics as metrics, t1.value - t2.value as diff
  from (select * from abtest where trt = 'Treatment') t1 inner join
  (select * from abtest where trt = 'Control') t2
 on t1.metrics = t2.metrics
```

Problem 3

```
select one.X as X, Y, Z from one left join two on one.X = two.X
UNION
select two.X as X, Y, Z from two left join one on one.X = two.X where one.X is null
```