

-- Lag

```
SELECT customernumber,  
paymentdate,  
amount,
```

```
lag(amount) over (partition by customernumber order by
```

```
paymentdate) as prev_payment  
FROM classicmodels.payments;
```

-- Lag with CTE

```
with cte_main as
```

```
(  
SELECT customernumber,  
paymentdate,  
amount,
```

```
lag(amount) over (partition by customernumber order by
```

```
paymentdate) as prev_payment  
FROM classicmodels.payments)
```

```
select *, amount - prev_payment as difference  
from cte_main;
```